ZOOLOGY

Transfer Credits: ___________

NAME: ______________________________________  FALL 2008

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 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) __________________________
BZ310 Cell Biology (4) __________________________
LIFE320 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.

___________ (       ) ____________ (       ) ____________ (       )
___________ (       ) ____________ (       ) ____________ (       )

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) ____________

MATHEMATICS and STATISTICS (7 credits)
MATH155 (4) ____________ -OR- MATH160 (4) ____________
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)
   A. SPCM 200 ________ (only for continuing students)
   OR
   B. Advanced Writing

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)
LIFE320 (3) _____ and BZ350 (4) ____

I:\Check sheets: fall2007zoology.doc  Revised 4/22/08
The following is a list of zoology classes that will fulfill the upper division requirements.

- **BSPM302** Applied and Gen Entomology
- **BSPM303A** Applied and Gen Entomology Lab
- **BMS360** Fundamentals of Physiology
- **BIO311** Developmental Biology
- **BIO384V** Supervised College Teaching
- **BZ300** Animal Behavior
- **BZ301** Animal Behavior Lab
- **BZ315** Marine Ecology
- **BZ329** Herpetology
- **BZ330** Mammalogy
- **BZ335** Ornithology
- **BZ346** Population & Evolutionary Genetics
- **BZ/MATH348** Theory of Pop. & Evol. Ecology
- **BZ384V** Supervised College Teaching
- **BZ401** Comparative Animal Physiology
- **BZ402** Chromosomes of Eukaryotes
- **BZ403** Comparative Endocrinology
- **BZ/BSPM/MIP424** Principles of Systematic Zoology
- **BZ433** Behavioral Genetics
- **BZ455** Human Heredity and Birth Defects
- **BZ/ BSPM/MIP 462** Parasitology & Victor Biology
- **BZ471** Stream Biology & Ecology
- **BZ472** Stream Biology & Ecology Lab
- **BZ474** Limnology
- **BZ476** Topics in Advanced Genetics
- **BZ479** Biology and Behavior of Dogs
- **BZ487** Internship
- **BZ492A-FV** Seminar (excluding any plant seminars)
- **BZ495V** Independent Study
- **BZ498V** Lab/Field Research
- **BZ510** Zoophysiological Ecology
- **BZ535** Behavioral Ecology
- **BZ544** Presenting Research in Biology
- **BZ561** Landscape Ecology
- **BZ/MIP577** Computer Analy Population Genetics
- **BZ/MIP578** Genetics of Natural Populations
- **BZ584V** Supervised College Teaching
- **BZ587** Internship
- **BZ594V** Independent Study
- **GEOL342** Paleontology
- **FW300** Ichthyology
- **FW301** Ichthyology Lab
- **FW400** Fish Ecology
- **FW405** Fish Physiology

*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**

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**Mathematics/Calculus:**

MATH 155 (4) ______ OR MATH 160 (4) ______

**Quantitative and/or Logical Thinking:**

STAT301 (3) _____ OR STAT307 (3) _____

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