Individualized Curriculum in Zoology: **B.S. Wildlife Biology Specialization** (AY 2015-2016)

Student Name: __________________________________________ Email: __________________________

Faculty Advisor: _________________________________________ Matriculation Date: ____________

**University Core Curriculum Courses** (see Undergraduate Catalog for list of course options)

**Foundation Skills**

University College [3]

- [ ] UCOL 101 Foundations of Inquiry

Composition [6]

- [ ] ______________________________

Mathematics [3]

- [ ] MATH 108 or 111

- [ ] ________________________________ Speech Communication [3]

- [ ] ________________________________

**Disciplinary Studies**

Science [6]

Group I

- [ ] CHEM 200 and 201

Group II

- [ ] BIOL 200A

Fine Arts [3]

- [ ] ________________________________

Social Science [6]

- [ ] ________________________________

Human Health [2]

- [ ] ________________________________

- [ ] ________________________________

Humanities [6]

- [ ] ________________________________ **Integrative Studies**

- [ ] ________________________________ Multicultural [3]

- [ ] ________________________________

**College of Science Requirements** [7-9 (+3)]

- Biological Sciences: completed with the Zoology major

  - Mathematics: choose one of the following options [1-3 (+3)]
    - [ ] MATH 108 College Algebra and MATH 109 Trigonometry & Analytical Geometry [3 (+3)]
    - [ ] MATH 111 Precalculus [1 (+3)]

- Physical Sciences: completed with the Zoology major

  - Supportive Skills [6]
    - [ ] Technical Writing [3]
      - ENGL 290 Intermediate Analytical Writing or 291 Intermediate Technical Writing or 391 Precision in Reading and Writing or JRNL 310 Writing for the Mass Media
    - [ ] Statistics [3]
      - MATH 282 Intro. Statistics or QUAN 402 Basic Statistics or ZOOL 360 Intro. Biostatistics

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Requirements for the Zoology Major (B.S., Wildlife Biology Specialization): 66-67

**Biology Core [14]**
- □ BIOL 200A Cell and Molecular Biology, Genetics and Evolution [1 (+3)]
- □ BIOL 200B Organismal and Ecological Biology [4]
- □ BIOL 305 Principles of Genetics [3]
- □ BIOL 304 Evolution or BIOL 409 Developmental Biology [3]

**Zoology Core [13]**
- □ ZOOL 416 Animal Behavior [3]

**Physical Science [15(+3)]**
- □ CHEM 200, 202 Intro. Chemical Principles [1(+3)]    □ CHEM 201 General Chemistry Lab I [1]

**Mathematics:** choose one of the following courses [3-4]
- □ MATH 139 Finite Math [3] or MATH 141 Short Course in Calculus or MATH 150 Calculus I [4]

**Wildlife Management, Policy, Administration, and Law:** choose six hours from the following, with at least three hours of Policy [6]
- Wildlife Management [0-3]
  - □ ZOOL 463 Mgmt & Conservation of Mammals [3]
- Policy, Administration, and Law [3 or 6]
  - □ GEOG 422 Economics in Environmental Mgmt [3]
  - □ ZOOL 464 Wildlife Admin. & Policy [3]

**Wildlife Biology:** choose two of the following [6]

**Zoology Electives:** choose three hours from the following (no duplications) [3]
- □ ZOOL 417 Vertebrate Zoology [3]
- □ ZOOL 418 Vertebrate Anatomy Lab [3]
- □ ZOOL 433 Comparative Physiology [3]
- □ ZOOL 434 Environmental Physiology [3]
- □ ZOOL 478 Animal Behavior [3]

**Plant Systematics:** choose one of the following [3-4]
- □ FOR 202 Tree Identification Lab [3]
- □ PLB 300 Diversity of Plants, Algae, and Fungi [4]
- □ PLB 304 Elements of Plant Systematics [4]

**Botany Electives:** choose three hours from the following (no duplications) [3]
- □ PLB 300 Diversity of Plants, Algae, Fungi [4]
- □ PLB 320 Elements of Plant Physiology [4]
- □ PLB 400 Plant Anatomy [4]
- □ PLB 415 Morphology of Vascular Plants [5]

**Free Electives** (5-8 hours)

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