Individualized Curriculum in Zoology: B.S., **Wildlife Biology Specialization** (Revised 2012)

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**

- □ __________________________

**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
  - 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
  - EPSY 402 Basic Statistics or MATH 282 Intro. to Statistics or PLB 360 Intro. Biostatistics
Requirements for the Zoology Major (B.S., Wildlife Biology Specialization): 66-68

**Biology Core [14-15]**
- □ 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 309 Developmental Biology or ZOOL 300 Vert. Embryology [3-4]

**Physical Science [11 (+3)]**

**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]

**Plant Science [8]**
- □ PLB 304 Elements of Plant Systematics  □ PLSS 240 Soil Science

**Zoology Core [16]**

**Botany Electives:** choose three hours from the following [3]
- □ PLB 300 Diversity of Plants, Algae and Fungi  □ PLB 443 Restoration Ecology
- □ PLB 320 Elements of Plant Physiology  □ PLB 445 Wetland Ecology and Management
- □ PLB 400 Plant Anatomy  □ PLB 449 Plant Systematics and Evolution
- □ PLB 415 Morphology of Vascular Plants  □ PLB 451 Flora of Southern Illinois
- □ PLB 440 Grassland Ecology

**Wildlife Biology Electives:** choose three hours from the following (note: not GEOG 470) [3]
- □ FOR 325 Forest Resources Administration & Policy
- □ FOR 409 Forest Resources Decision-Making
- □ GEOG 422 Economics in Environmental Management
- □ GEOG 425 Integrated Water Management
- □ GEOG 471 Environmental Impact Analysis
- □ ZOOL 464 Wildlife Administration and Policy

**Zoology Electives:** choose eight hours from the following [8]
- □ ZOOL 408 Herpetology  □ ZOOL 462B Waterfowl Laboratory
- □ ZOOL 460 Upland Game Birds  □ ZOOL 463 Game Mammals
- □ ZOOL 461 Mammalogy  □ ZOOL 467 Ornithology
- □ ZOOL 462A Waterfowl  □ ZOOL 478 Animal Behavior

**Free Electives (2-6 hours)**
- □ __________________________________________
  □ __________________________________________