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

Student Name: _______________________________ Email: _______________________________

Faculty Advisor: _______________________________ Matriculation Date: ________________

University Core Curriculum Courses (see Undergraduate Catalog for list of course options) [41]

Foundation Skills

University College [3]
□ UCOL 101 Foundations of Inquiry

□ MATH 108 or 111
□ __________________________
□ __________________________

Speech Communication [3]
□ SPCM 101

Disciplinary Studies

□ CHEM 200 and 201

Group I
□ 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 PLB/ZOOL 360 Intro. Biostats
Requirements for the Zoology Major (B.S., Animal Biology Specialization) [67 (+6)]

Biology Core [17]
- BIOL 200A Cell and Molecular Biology, Genetics and Evolution [1(+3)]
- BIOL 200B Organismal and Ecological Biology [4]
- BIOL 304 Evolution [3]
- BIOL 305 Principles of Genetics [3]
- BIOL 409 Developmental Biology [3]

Chemistry [7 (+3)]
- CHEM 201 General Chemistry Lab I [1] □ CHEM 211 General Chemistry Lab II [1]

Quantitative Skills [6-8]
- MATH 139 Finite Math or 141 Short Course in Calculus for Biological Sciences or 150 Calculus I

Physical Sciences: choose one of the following options [8-10]
- Chemistry [10]
  - CHEM 340 Organic Chemistry I [3]
  - CHEM 350 Intro. to Biological Chemistry [3]
  - CHEM 351 Biochemistry Laboratory [2]
- Geology [8]
  - GEOL 220 Dynamic Earth [3]
  - GEOL 221 Earth Through Time [3]
  - GEOL 223 Introductory Geology Lab [1]
  - GEOL 224 Earth Through Time Laboratory [1]
- Physics [8]

Zoology Core [7]
- ZOOL 215 Sophomore Seminar [1]

Zoology Electives: choose 18 hours from the following courses [18]

Free Electives (3-9 hours)

□ ___________________________________________ □ ___________________________________________