Individualized Curriculum in Zoology: B.S., Animal Biology Specialization (Revisions for 2017-2018)

Student Name: _____________________________________  Email:__________________________

Faculty Advisor: _________________________________  Matriculation Date: _______________

University Core Curriculum Courses (see Undergraduate Catalog for list of course options) [39]

Foundation Skills

University College [1]  □ UCOL 101 Foundations of Inquiry

Composition [6]  □ MATH 108 or 111
□ __________________________

Mathematics [3]  □ MATH 108 or 111
□ __________________________


Disciplinary Studies

Science [6]
Group I  □ CHEM 200, 201, 202
Group II  □ BION 111

Fine Arts [3]
□ __________________________

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 [3]
□ Statistics [3]

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

ENGL 290 Intermediate Analytical Writing or 291 Intermediate Technical Writing or JRN 310 Writing for the Mass Media
□ Precision in Reading and Writing
□ __________________________

□ 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) [67-71 (+6)]

#### Biology Core [24]
- □ BIOL 211 Introductory Cell Biology and Genetics [1(+3)]
- □ BIOL 212 Introductory Evolution and Ecology [4]
- □ BIOL 213 Introductory Organismal Biology [4]
- □ BIOL 304 Evolution [3]
- □ BIOL 305 Principles of Genetics [3]
- □ BIOL 306 Cell Biology [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]
- □ Geology [8]
  - GEOL 220 Dynamic Earth [3]
  - GEOL 221 Earth Through Time [3]
- □ Physics [8]

#### Zoology Core [7]
- □ ZOOL 215 Sophomore Seminar [1]
- □ ZOOL 220 Animal Diversity [5]
- □ ZOOL 482 Senior Seminar [1]

#### Zoology Electives: choose 15 hours from the following [15] (*italics* = not regularly offered)
- □ ZOOL 320 Vertebrate Zoology [3]
- □ ZOOL 385 Introduction to Marine Biology [3]
- □ ZOOL 405 Systematic Zoology [3]
- □ ZOOL 407 Parasitology [4]
- □ ZOOL 408 Herpetology [3]
- □ ZOOL 409 Vertebrate Anatomy Lab [3]
- □ ZOOL 410 Conservation Biology [3]
- □ ZOOL 413 The Invertebrates [4]
- □ ZOOL 414 Freshwater Invertebrates [4]
- □ ZOOL 415 Limnology [3]
- □ ZOOL 418 Vertebrate Anatomy Lab [3]
- □ ZOOL 425 Invertebrate Paleontology [3]
- □ ZOOL 426 Comparative Endocrinology [3]
- □ ZOOL 433 Comparative Physiology [3]

#### Free Electives (1-7 hours)
- □ ____________________________
- □ ____________________________