Individualized Curriculum in Zoology: B.S., **Fisheries 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

- □ MATH 108 or 111
- □ ___________________________

Speech Communication [3]
- □ SPCM 101
- □ ___________________________

**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
  - 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. Biostatistic
Requirements for the Zoology Major (B.S., Fisheries Biology Specialization): 58-61

**Biology Core [14-15 (+3)]**

- □ 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]

**Chemistry [7 (+3)]**

- □ CHEM 200 Intro. to Chemical Principles
- □ CHEM 201 General Chemistry Lab I
- □ CHEM 210 General and Inorganic Chemistry
- □ CHEM 211 General Chemistry Lab II

**Mathematics**: choose one of the following courses [4]

- □ MATH 141 Short Course in Calculus for Biological Sciences
- □ MATH 150 Calculus I

**Physical Science**: choose one of the following options [8-10]

- □ Chemistry [10]
  - CHEM 339 Intro. to Organic Chemistry
  - CHEM 341 Organic Chem. Laboratory I
  - CHEM 350 Intro. to Biological Chemistry
  - CHEM 351 Biochemistry Laboratory
- □ Physics [8]
  - PHYS 203A and 253A College Physics A
  - PHYS 203B and 253B College Physics B

**Zoology Core [19]**

- □ ZOOL 215 Sophomore Seminar [1]
- □ ZOOL 220 Animal Diversity [5]
- □ ZOOL 306 Fish Biology [3]
- □ ZOOL 415 Limnology [3]
- □ ZOOL 466 Fish Management [3]
- □ ZOOL 477 Aquaculture [3]
- □ ZOOL 482 Senior Seminar [1]
- □ ZOOL 473 Aquatic Entomology [3]

**Zoology Electives**: choose six hours from the following [6]

- □ ZOOL 414 Freshwater Invertebrates [4]
- □ ZOOL 458 Issues in Aquatic Ecology [3]
- □ ZOOL 465 Ichthyology [3]
- □ ZOOL 473 Aquatic Entomology [3]

**Free Electives** (9-14 hours)

- □ ____________________________  □ ____________________________
- □ ____________________________  □ ____________________________
- □ ____________________________  □ ____________________________