Individualized Curriculum in Zoology: **B.A. Degree** (AY ≥ 2024-2025)

Student Name: ______________________________ Email: ______________________________

Faculty Mentor: ____________________________ Matriculation Date: ________________

**University Core Curriculum Courses** (see Undergraduate Catalog for list of course options): 39 hours

### Foundation Skills

**University College** [1]  
Composition [6]  
- □ __________________________  
- □ __________________________

Mathematics [3]  
- □ MATH 108 or 111

Speech Communication [3]  
- □ CMST 101

### Disciplinary Studies

**Fine Arts** [3]
- □ __________________________

**Human Health** [2]
- □ __________________________

**Humanities** [6]
- □ __________________________
- □ __________________________

### Integrative Studies: Multicultural [3]
- □ __________________________

**School of Biological Sciences Requirements** [10-13]

**Biological Sciences**: completed with the Zoology major

**Mathematics**: choose *one* of the following options [4-6]
- □ MATH 108 College Algebra *and* 109 Trigonometry & Analytical Geometry [6], *or* MATH 111 Precalculus [4], *or* MATH 141 Short Course in Calculus for Biological Sciences [4]

**Physical Sciences**: completed with the Zoology major

**Supportive Skills** choose 6 hours from the following options [6-7]
- □ QUAN 402 or ZOOL 360 or MATH 282 [3]  
- □ CS 105 or 200B [3]
- □ ENGL 290 or 291 [3]
- □ Two semesters of Chinese, French, Latin, German, Greek, Japanese, Russian, Spanish, or American Sign Language [6]
Requirements for the Zoology Major (B.A.) [60-62]

Biology Core [18]
- BIOL 211 Introductory Cell Biology and Genetics [4]
- BIOL 212 Introductory Evolution and Ecology [4]
- BIOL 213 Introductory Organismal Biology [4]
- BIOL 304 Evolution [3]
- BIOL 305 Principles of Genetics [3]

Chemistry [5]

Physical Sciences: choose one of the following options [4-5]
- CHEM 210, 212 General and Inorganic Chemistry and CHEM 211 General Chemistry Lab II [5]
- GEOL 220 The Dynamic Earth and GEOL 223 Introductory Geology Laboratory [4]
- GEOL 221 Earth Through Time and GEOL 224 Earth Through Time Laboratory [4]

Quantitative Skills choose one of the following options (not same as SBS Supportive Skills) [3-4]
- CS 201 Problem Solving with Computers or CS 202 Introduction to Computer Science [3]
- MATH 141 Short Course in Calculus for Biological Sciences [4]
- MATH 282 Intro. to Statistics or QUAN 402 Basic Statistics or ZOOL/PLB 360 Intro. Biostatistics [3]

Zoology Core [7]
- ZOOL 215 Sophomore Seminar [1]
- ZOOL 220 Animal Diversity [5]
- ZOOL 482 Senior Seminar [1] Must pass with C or better to graduate

Zoology Electives: choose at least 20 hours from the following [20]
- BIOL 306 Cell Biology [3]
- BIOL 409 Developmental Biology [3]
- BIOL 415 History of Biology [3]
- ZOOL 306 Fish Biology [3]
- ZOOL 385 Introduction to Marine Biology [3]
- ZOOL 403 Bee Identification Short Course [2]
- ZOOL 405 Systematic Biology [3]
- ZOOL 407 Parasitology [4]
- ZOOL 408 Herpetology [3]
- ZOOL 410 Conservation Biology [3]
- ZOOL 411 Environmental Risk Assessment [3]
- ZOOL 413 The Invertebrates [4]
- ZOOL 414 Freshwater Invertebrates [4]
- ZOOL 415 Limnology [3]
- ZOOL 432 Principles of Toxicology [3]
- ZOOL 433 Comparative Animal Physiology [3]
- ZOOL 435 Pollination Ecology [3]
- ZOOL 461 Mammalogy [3]
- ZOOL 462A, B Waterfowl Ecology & Lab [2, 1]
- ZOOL 464 Wildlife Administration & Policy [3]
- ZOOL 465 Ichthyology [3]
- ZOOL 466 Fish Management [3]
- ZOOL 467 Ornithology [3]
- ZOOL 468 Wildlife Biology Principles [3]
- ZOOL 469 Wildlife Techniques [3]
- ZOOL 471 Entomology [3]
- ZOOL 472 Introduction to Systems Biology [3]
- ZOOL 477 Aquaculture [3]
- ZOOL 478 Animal Behavior [3]
- ZOOL 491, 492, 493 [max 3 credits]

Free Electives (15-20 hours. Must be 300-level or higher)
- ____________________________
- ____________________________