1. State General Education Core
   - Communication Foundation: ENC 110
   - Mathematical Foundation: MAC1105C, MAC2311C, MGF1106, MGF1107, STA2023
   - Science Foundation: CHM 2045C, BSC 2010C

2. General Education Program (36 Hours)
   [See COSAS for assistance with GEP planning]
   Communication Foundations
   - ENC 1101 - Composition I
   - ENC 1102 - Composition II
   - SPC 1603C - Fundamentals of Technical Presentations
   Cultural & Historical Foundations
   - Mathematics
     - MAC 2311C - Calculus with Analytic Geometry I
   - STA 2023 - Statistical Methods I
   Social Foundations
   - BSC 2010C - Biology I Credit Hours: 4
   - CHM 2045C - Chemistry Fundamentals I

3. University Requirements
   - 9 hours of summer enrollment (total) in academic career: ____ of 9
   - At least 2.0 needed: ____ UCF GPA ____ Major GPA
   - 48 hours 3xxx-4xxx level – 35 Biology requires = 13 hours left (to be satisfied with free electives or minor) ____ of 13

4. Major Requirements
   - A minimum of 2.0 in all UCF courses taken in common program prerequisites, Biology core, and upper division restricted electives.
   - A minimum of a C (2.0) in all Biology offered Core Classes and Required Electives is required for graduation.
   - Exit Exam- to be completed upon completion of Biology core courses.
   - Departmental Residency Requirement: ____ of 22
     - 22 hours of regularly scheduled upper division courses must be taken in the UF Biology Department.

5. Biology core courses (21 Hours)
   - BSC 2010C Gen Biology ____
   - BSC 2010C Honors Biology 2 ____
   - PCB 3023 Molec Cell Bio ____
   - PCB 3044 Ecology ____
   - PCB 3063 Genetics ____
   - PCB 4683 Evolutionary Biology ____

   Zoology and Pre-Veterinarian Track
   Catalog Year: 2016-2017

5A. Cognate Sciences Core (31-33 hours)
   Chemistry Placement Test: CHM2040__, CHM2041__, or CHM2045__
   CHM 2045C (or CHM 2040_2041__) 4/3
   CHM 2046 3
   CHM 2046L 1
   CHM 2210 CHM 2205 3/5
   CHM 2211 or CHM 3120 3/3
   CHM 2211L CHM 3120L 2/1
   PHY 2053C or PHY 2048C 4
   PHY 2054C or PHY 2048C 4

5B. Lab requirement - Two labs
   At least one of these labs must come from section A - Core.
   - A - Core:
     + PCB 3044L - Ecology lab
     + PCB 3063L - Genetics lab
     + PCB 4683L - Evolutionary Biology Lab
   - B - Non-Core: designated with ↑

6. 22 hours of restricted electives are required, with following stipulations:
   - Courses must be selected from those listed below.
   - Include one course exclusively on animals (marked a), and one exclusively on plants (marked p)
   - At least 10 of the 22 hours must be courses offered by the Department of Biology (designated with an *), ____ of 10
   - Independent Study/Directed Research: May include a maximum of 4hrs towards restricted electives - (Completed with Biology Faculty)
   - 5000 level courses may be taken by seniors with prior permission of course instructor. You will be charged graduate level tuition.

   Required Electives (choose one of the following) (3-4 hours)
   - PCB 4723* Animal Physiology 4
   - ZOO 4513* Animal Behavior 3
   - Restricted Electives (choose from the following) (11-12hrs)
   - PCB 4723* Animal Physiology 4
   - ZOO 4513* Animal Behavior 3
   - ANT 3550C Primatology 3
   - ENY 4004C* General Entomology 4
   - PCB 4834* Zooid Aquarium Mgt 3
   - ZOO 3454* Ichthyology 3
   - ZOO 3715C* Comp Vert Anat 3
   - ZOO 3900* Ornithology 3
   - ZOO 4205C* Bio and Eco Meta Inv 4
   - ZOO 4310C* Vert Vertebrate 3
   - ZOO 4405C* Sea Turtle Internship 3
   - ZOO 4462C* Herpetology 4
   - ZOO 4480* Mammalogy 4
   - ZOO 4480L* Mammalogy Lab 1
   - ZOO 4603C* Embryology/Development 5
   - ZOO 4755C* Comp Vert Hist 4
   - ZOO 4910L* Res Exp in Zoo Envi 3

   Additional Biology Electives: (6-8 hours)
   - PCB 4715* Marine Biology 3
   - PCB 4716* Marine Conservation 3
   - PCB 4900* Honey Bee Biodiversity 3
   - PCB 4901* General Entomology 3
   - PCB 5000* Oceanography 3
   - PCB 5048* Aquatic Ecology 3
   - PCB 5054* Marine Ecology 3
   - PCB 5070* Marine Biology 3
   - PCB 5084* Animal Physiology 3
   - PCB 5414* Genetics 2
   - PCB 5520* Crop Sci 3
   - PCB 5675* Wildlife Genomics 3
   - PCB 5683L* Evol. Biology Lab 1
   - PCB 5686* Evolution in Medicine 3
   - PCB 5686* Population Genetics 3
   - PCB 5686* Evolutionary Biology 3
   - PCB 5686* Marine Ecology of FI 3
   - PCB 5686* Marine Evolutionary Ecology 3
   - PCB 5695* Models in Ecology 3
   - ZOO 3715C* Comp Vert Anat 3
   - ZOO 3720C* Human Anatomy 3
   - ZOO 4025C* Bio and Eco Meta Inv 4
   - ZOO 4025C* Vert Vertebrate 3
   - ZOO 4045C* Sea Turtle Internship 3
   - ZOO 4480* Mammalogy 3
   - ZOO 4480L* Mammalogy Lab 1
   - ZOO 4480* Herpetology 4
   - ZOO 4513* Animal Behavior 3
   - ZOO 4755C* Comp Vert Hist 4
   - ZOO 4910L* Res Exp in Zoo Envi 3

Name __________________________ Date ______________