1. State General Education Core
   - Communication Foundation: ENC 110
   - Mathematical Foundation: MAC 1105C, MAC 2311C, MGF 1106, MGF 1107, STA 2023
   - Science Foundation: CHEM 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
   - Mathematical Foundations
   - MAC 2311C - Calculus with Analytic Geometry I
   - STA 2023 - Statistical Methods I
   - Social Foundations
   - BSC 2010C - Biology I Credit Hours: 4
   - CHEM 2045C - Chemistry Fundamentals I

3. University Requirements
   ☑ 9 hours of summer enrollment (total) in academic career.
   ☑ At least 2.0 required: UCF GPA
   ☑ 48 hours 3xxx-4xxx level - 35 Biology requires = 13 hours left to satisfy with free electives or
   ☑ 6 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: 22 of 22

   a. 22 hours of regularly scheduled upper division courses must be taken in the UCF Biology Department.

5. Biology Core Courses (21 Hours)
   - BSC 2010C Gen Biology 4
   - BSC 2011C Biology 2 4
   - PCB 3032 Molec Cell Bio 3
   - PCB 3044 Ecology 3
   - PCB 3063 Genetics 3
   - PCB 4683 Evolutionary Biology 4

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

5A. Cognate Sciences Core (31-33 hours)
   Chemistry Placement Test: CHM 2040 or CHM 2041
   Math Placement Test: MAT 1033C, MAC 1105C, MAC 1114C, MAC 1140

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
   - ENP 4631L - 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)
   - Include one course 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 - Complete with Biology Faculty

   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)
   a. PCB 4723* Animal Physiology
   b. ZOO 4513* Animal Behavior
   - Restriced Electives (choose from the following) (11-12hrs)
   a. PCB 4723* Animal Physiology
   b. ZOO 4513* Animal Behavior
   c. ANT 3550C Primateology
   - Restriced Electives (choose from the following) (11-12hrs)
   a. PCB 4723* Animal Physiology
   b. ZOO 4513* Animal Behavior
   c. ANT 3550C Primateology
   d. ENY 4040C* General Entomology
   e. ZOO 4624* Ichthyology
   f. ZOO 4715C* Comp Vert Anat
   g. ZOO 4903* Ornithology
   h. ZOO 4205C* Bio and Eco Meta Inv
   i. ZOO 4310C* Vet Ecol and Eco
   j. ZOO 4405C* Sea Turtle Internship
   k. ZOO 4462C* Herpetology
   l. ZOO 4480* Mammalogy
   m. ZOO 4480L* Mammalogy Lab
   n. ZOO 4603C* Embryology/Develop
   o. ZOO 4753C* Comp Vert Histology
   p. ZOO 4910L* Res Exp in Zoo Envi
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