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
     - Mathematical Foundations
     - MAC 2311C - Calculus with Analytic Geometry I
     - STA 2023 - Statistical Methods I

3. University Requirements
   - 9 hours of summer enrollment (total) in academic career.
   - At least 2.0 needed: _______ UCF GPA _______ Major GPA
   - 48 hours 3xxx-4xxx level – 35 Biology requires = 13 hours left
   - Major Requirements
     - Minimum of 2.0 in all UCF courses taken in common program prerequisites, Biology core, and upper division restricted electives.
     - Minimum of 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

5. Biology core courses (21 hours)
   - BSC 2010C Biology 4
   - PCB 3023 Molecular Cell Biology 3
   - PCB 3044 Ecology 3
   - PCB 3056 Genetics 3
   - PCB 4683 Evolutionary Biology 4

6. Marine & Aquatic Biology Track
   Catalog Year: 2020-2021

5A. Cognate Sciences Core (31-33 hours)
   - CHM 2045C (or CHM 2040) 4/3
   - CHM 2046 3
   - CHM 2046L 1
   - CHM 2210 3/5
   - CHM 2211L CHM 3120 3/3
   - PHY 2053C or PHY 2048C 4
   - PHY 2054C 4
   - Math Placement Test: MATI033C, MAC1105, MAC1114, MAC 1140, STA 2213, MAC 2233, or MAC 2253

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:
   - of 22 hours ______ RE GPA
   - Courses must be selected from those below.
   - Include one course exclusively on animals (marked a) ___, and 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. (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 courses) (3hr)
   - BSC 3312* Principles of Marine Biology 3
   - OCE 3008* Oceanography 3
   - PCB 3442* Aquatic Ecology 3

Restricted Electives (12 hrs)
   - BSC 4312C* Adv Marine Bio 4
   - BSC 4473C* Scientific Dividing 4
   - OCE 3008* Oceanography 3
   - PCB 3355L* Tropical Marine Bio 2
   - PCB 3442* Aquatic Ecology 3
   - PCB 4315C* Marine Ecology of Florida 4
   - PCB 4423* Zool Aquarium Mgt 3
   - PCB 4542* GIS for Biologists 3
   - PCB 4524* Marine Bio 2 3
   - PCB 457S* Wildlife Genomics 3
   - PCB 4683L* Evo Biology Lab 3
   - PCB 4678* Evolution in Medicine 3
   - PCB 4684* Population Genetics 3
   - PCB 4723* Animal Physiology 3
   - PCB 5326C* Ecosystems of Fl 5
   - PCB 5345C* Marine Ecology of Fl 4
   - PCB 5665* Models in Ecology 3
   - a. ZOO 3713C* Comp Vert Anat 5
   - a. ZOO 3733C* Human Anatomy 4
   - a. ZOO 4205C* Adv Bio & Eco Meta Inv 4
   - a. ZOO 4310C* Vert Evo and Eco 4
   - a. ZOO 4405C* Sea Turtle Internship 3
   - a. ZOO 4426C* Herpetology 3
   - a. ZOO 4515* Animal Behavior 3
   - a. ZOO 4526C* Herpetology 3
   - a. ZOO 4756C* Comp Vert Histology 5
   - a. ZOO 4354* Ichthyology 3
   - a. ZOO 4272* Ornithology 3
   - a. ZOO 4910L* Res Exp in Zoo Env 3

Additional Biology Electives: (7 hours)
   - a. ANT 5506C* Primatology 3
   - a. BCH 4024 Medical Biochemistry 4