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 110I - Composition I
   - ENC 1102 - Composition II
   - SPC 1603C - Fundamentals of Technical Presentations
   - Cultural & Historical Foundations
     - Mathematical Foundations
     - Mathematics
       - MAC 2311C - Calculus with Analytic Geometry I
       - Statistics
         - STA 2023 - Statistical Methods I
       - Social Foundations
         - Science Foundations
           - BSC 2010C - Biology I
           - CHM 2045C - Chemistry Fundamentals I

3. University Requirements
   - 9 hours of summer enrollment (total) in academic career. ___ of ___
   - 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 ___

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

5. Biology core courses (21 hours)
   - BSC 200H: Introductory Biology 4
   - BSC 2011C Biology 2 4
   - PCB 3023 Mole Cell Bio 4
   - PCB 3044 Ecology 4
   - PCB 3063 Genetics 4
   - PCB 4683 Evolutionary Biology 4

6. 22 hours of restricted electives are required, with following stipulations:
   - At least 10 of 22 hours must be courses offered by the Department of Biology (designated with *).
   - Independent Study/Directed Research: May include a maximum of 4hrs towards restricted electives (Completed with Biology Faculty)

   Required Elective (3hr)
   p. BOT 3015* Principles of Plant Science 3

   Restricted Electives (choose at least one course from Group A and two from Group B) Remaining credits can be from any group (14 hrs)

   Group A
   - BOT 4922* Plant Science Capstone 2
   - BOT 4970H Honors Undergraduate Thesis 3

   Group B
   - p. BOT 4223C* Plant Anatomy 4
   - p. BOT 4303C* Plant Kingdom 4
   - p. BOT 4503C* Plant Physiology 4
   - p. BOT 4713C* Plant Taxonomy 5
   - p. BOT 4912 Directed Independent Research 4
   - p. BOT 4282L* Plant Microtechniques 2
   - BSC 3453* Bio Res. Meth & Exp Design 3

   Group C (Other Restricted Electives)
   - p. BOT 3802* Ethnobotany 3
   - p. BOT 3018C* Culinary Botany 3
   - p. BOT 4850* Medical Botany 4
   - BSC 4932* GIS for Biologists 3
   - BSC 4330* Invasion Biology 3
   - PCB 3354* Tropic Ecology & Cons. 3

   Plant Science Track
   Catalog Year: 2018-2019

   Additional Biology Electives (5 hours)
   a. ANT 3550C Primatology 3
   a. BCH 4024 Medical Biochemistry 4
   a. BCH 4053 Biochemistry I 3
   a. BCH 4065 Biochemistry II 3
   p. BOT 3018C* Plant Kingdom 3
   p. BOT 3802* Ethnobotany 3
   p. BOT 4223C* Plant Anatomy 4
   p. BOT 4303C* Plant Physiology 4
   p. BOT 4503C* Plant Microtechniques 2
   p. BOT 4540C* Plant Genomics and Biochemistry 4
   p. BOT 4653C* Conservation Biol 3
   p. BOT 4713C* Plant Taxonomy 4
   p. BOT 3052* Conservation Biol 3
   p. BSC 4454C* Genomics Lab 4
   p. BSC 4821* Biogeography 3
   p. BSC 4850* Medical Botany 3
   p. BSC 3312* Prin Marine Biol 3
   p. BSC 3435* Bio Res. Meth & Exp Design 3
   p. BSC 4312C* Adv Marine Biol 3
   p. BSC 4330* Invasion Biology 3
   p. BSC 4456C* Programming for Bio 3
   p. BSC 4491C* Urban Ecology 3
   p. BSC 4910* Biology Education Research 3
   p. BSC 4927* Scientific Engagment 3
   p. BSC 4932* Scientific Diving 3
   p. BSC 5258L* Trop Bio Research 3
   a. ENY 3571* Honey Bee Bk & Beekeeping 3
   a. ENY 4006C* General Entomology 4
   a. MCB 3020C Gen Microbiology 5
   a. OCE 3008* Oceanography 3
   a. PCB 4234* Zoo & Aquarium Mgt 3
   p. PCB 3044L Ecology Lab 1
   p. PCB 3056L* Genetics Lab 1
   p. PCB 3333L* Immunology 1
   p. PCB 3343L* Prin Field Ecology 5
   p. PCB 3354* Tropic Ecology & Cons. 3
   p. PCB 3355L* Tropical Marine Bio 2
   p. PCB 3442* Aquatic Ecology 3
   p. PCB 3703C Human Physiology 4
   p. PCB 4301C* Wetland Ecol & Biogeochem. 4
   p. PCB 4316C* Marine Ecology of Florida 3
   p. PCB 4353* FL Natural History 3
   p. PCB 4353L* FL Natural History Lab 1
   p. PCB 4362* Disease Eco & Immunology 3
   a. PCB 4415* Sensory Ecology 3
   p. PCB 4514* Genetics 2
   p. PCB 3522* Molec Bio 1
   p. PCB 4524 Molec Bio 2
   p. PCB 4575* Wildlife Genomics 3
   p. PCB 4683L* Evol. Biol. Lab 1
   p. PCB 4678* Evolution in Medicine 3
   p. PCB 4684* Population Genetics 3
   a. PCB 4723* Animal Physiology 4
   p. PCB 4932* GIS for Biologists 3
   p. BSC 5316* Marine Conservation 3
   p. PCB 5326C* Ecosystems of FL 3
   p. PCB 5435C* Marine Ecology of FL 3
   p. PCB 5485* Models in Ecology 3
   a. ZOO 3713C* Comp Vert Anat 4
   a. ZOO 3733C Human Anatomy 4
   a. ZOO 4205C* Bio & Eco Meta Inv 4
   a. ZOO 4301C* Vert Ecol & Eco 4
   a. ZOO 4405C* Sea Turtle Internship 4
   a. ZOO 4480* Mammmalogy 4
   a. ZOO 4480L* Mammmalogy Lab 1
   a. ZOO 4513* Animal Behavior 3
   a. ZOO 4662C* Herpetology 4
   a. ZOO 4663C* Embryology/Develop 5
   a. ZOO 4753C* Vert Histology 4
   a. ZOO 4354* Ichthyology 3
   a. ZOO 4272* Ornithology 3
   a. ZOO 4910L* Exp Res in Zoo Env 3