1. **State General Education Core**
   - Communication Foundation: ENC 1101
   - Mathematical Foundation: MAC1105C, MAC2311C, MGF1106, MGF1107, STA2023
   - Science Foundation: CHM2045C, BSC 2010C

2. **General Education Program (36 Hours)**
   Communications Foundations
   - ENC 1101
   - ENC 1102
   - SPC 1603, SPC 1608, COM 1000
   - ENC 1102
   - ENC 1101
   - Communications Foundations

   Cultural & Historic Foundations
   - EUH 2000 or AMH 2010 or HUM 2210 or WOH2012
   - EUH 2001 or HUM 2200 or HUM 2230 or WOH2022
   - ARH 2050, ARH 2051, MUL 2010, PHI 2010, LIT 2110, LIT 2120, THE2000, FIL 1000 or REL2300
   - One additional course from Group 4 or 5
   - (Can be the sequential to the above course)

   Mathematical Foundations
   - MAC 2311
   - STA 2023
   - Social Foundations
   - ANT2000, PSY2012, SYG2000
   - AMH 2020 or ECO2013 or ECO 2023 or POS 2041
   - Science Foundations
   - CHM 2210, CHM 3120
   - CHM 2046L
   - CHM 2211L
   - PHY 2053C or PHY 2048L
   - PHY 2054C
   - STA 2023

3. **University Requirements**
   - 9 hours of summer enrollment (total) in academic career of 9
   - 2.0 UCF GPA
   - 48 hours 3xxx-4xxx level – 35 Biology require= 13 hours left (to be satisfied with free elective or minor) of 4

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 is required for graduation.
   - Exit Exam- to be completed the term you graduate.
   - Departmental Residency Requirement: of 22
     - 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
   - BSC 2011C Biology 2
   - PCB 3023 Molec Cell Bio
   - PCB 3044 Ecology
   - PCB 3063 Genetics
   - PCB 4863 Evolutionary Biology

6. **Math Placement Test: MAC1105, MAC1114, MAC 1140, MAC 2311, STA 2023**

7. **Biology Department**
   - PCB 3044L - Ecology lab
   - PCB 3063L - Genetics lab
   - PCB 4753C - Tropic Marine Bio
   - PCB 3455L - Tropical Marine Bio
   - PCB 3442 - Aquatic Ecology
   - PCB 3703C - Human Physiology
   - PCB 4353 - FL Natural History
   - PCB 4402 - Disease Eco & Immunology
   - PCB 4514 - Genetics 2
   - PCB 4524 - Molec Bio 2
   - PCB 4683L - Evol. Biology Lab
   - PCB 4678 - Evolution in Medicine
   - PCB 4684 - Population Genetics
   - a PCB 4723 - Animal Physiology
   - PCB 4932C - Genomics lab
   - PCB 5316C - Marine Conservation
   - PCB 5326C - Ecosystems of FL
   - PCB 5435C - Marine Ecology of FL
   - PCB 5485 - Models in Ecology
   - a ZOO 3713C - Comp Vert Anat
   - ZOO 3733C - Human Anatomy
   - a ZOO 4205C - Bio and Eco Meta Inv
   - ZOO 4310C - Vert Evo and Eco
   - a ZOO 4480 - Mammalogy
   - a ZOO 4513 - Animal Behavior
   - a ZOO 4446C - Herpetology
   - a ZOO 4603C - Embryology/Develop
   - ZOO 4753C - Vertebrate Histology
   - a ZOO 5456C - Ichthyology
   - a ZOO 5475L - Field Ornithology

5A. **Cognate Sciences Core (31-33 hours)**
   - Chemistry Placement Test: CHM2040, CHM2041, or CHM2045
   - CHM 2045C (or CHM 2040c)
   - 4/3

5B. **Labor 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: designed 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 must be courses offered by the Department of Biology (designated with an *).
   - 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 (3 hours)
   - BOT 3802
   - Ethnobotany

   Restricted Electives (choose from the following) (12 hours)
   - p. BOT 3018C - Culinary Botany
   - p. BOT 4850 - Medical Botany
   - p. BOT 4223C - Plant Anatomy
   - p. BOT 4503 - Plant Physiology
   - p. BOT 4713C - Plant Taxonomy
   - p. BSC 4330 - Invasion Biology

   Additional Biology Electives (7 hours)
   - a. ANT 3550 - Primatology
   - BCH 4053 - Biochemistry 1
   - BCH 4054 - Biochemistry 2
   - BOT 3018C - Culinary Botany
   - BOT 4223C - Plant Anatomy
   - BOT 4303C - Plant Kingdom
   - BOT 4434C - Gen Mycology
   - p. BOT 4503 - Plant Physiology

   Advisor______________________, Date________________