Name ____________________________________________

UCFID ____________________________

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

   Mathematics
   - MAC 2311C - Calculus with Analytic Geometry I

   Statistics
   - STA 2023 - Statistical Methods I

   Social Foundations

   Science 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 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 4683 Evolutionary Biology ______

6. 22 hours of restricted electives are required, with following stipulations:
    (1) of 22 hours
    - 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 *).
    - 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 (3hrs)
   p. BOT 3807* Ethnobotany ______
   Required Electives (choose from following) (12 hrs)
   p. BOT 3018C* Culinary Botany ______
   p. BOT 4850* Medical Botany ______
   p. BOT 4223C* Plant Anatomy ______
   p. BOT 4503C* Plant Kingdom ______
   p. BOT 4713C* Plant Taxonomy ______
   p. BSC 4330* Invasive Biology ______
   PCB 3354* Tropic Ecology & Cons. ______

Additional Biology Electives (7 hours)
   a. ANT 3550C Primatology ______
   BCN 4024 Medical Biochemistry ______
   BCH 4053 Biochemistry I ______
   BCH 4054 Biochemistry II ______
   p. BOT 3015* Principles of Plant Science ______
   p. BOT 3018C* Culinary Botany ______
   p. BOT 3802* Ethnobotany ______
   p. BOT 4223C* Plant Anatomy ______
   p. BOT 4303C* Plant Kingdom ______
   p. BOT 4262L* Plant Microtechniques ______
   p. BOT 4434C* Gen Mycology ______
   p. BOT 4503C* Plant Physiology ______
   p. BOT 4713C* Plant Taxonomy ______
   p. BOT 4922* Plant Science Capstone ______
   p. BOT 4970H Honors Undergrad. Thesis ______
   BSC 3043* GIS for Biologists ______
   BSC 3052* Conservation Biol ______
   BSC 4821* Biogeography ______
   p. BOT 4850* Medical Botany ______
   BSC 3312* Princ Marine Biol ______
   BSC 3453* Bio Res. Meth & Exp Design ______
   BSC 4312C* Adv Marine Biol ______
   BSC 4330* Invasion Biology ______
   BSC 4454C* Programming for Bio ______
   BSC 4454C* Genomics Lab ______
   BSC 4861L* Urban Ecology ______
   BSC 4927* Scientific Engagement ______
   BSC 5316* Marine Conservation ______
   ZSO 5285L* Tropic Bio Research ______
   a. ENY 3571* Honey Bee Bio & Beekeeping ______
   a. ENY 4004C* General Entomology ______
   MCB 3020C Gen Microbiology ______
   OCE 3008* Oceanography ______
   a. PAZ 4234* Zoo & Aquarium Mgt ______
   PCB 3044L* Ecology Lab ______
   PCB 3063L* Genetics Lab ______
   PCB 3233 Immuno ______
   PCB 3343L* Princ Field Ecology ______
   PCB 3354* Tropic Ecology & Cons. ______
   PCB 3355L* Tropic Marine Bio ______
   PCB 3442* Aquatic Ecology ______
   PCB 3703C Human Physiology ______
   PCB 4301C* Wetland Eco & Biogrochem. ______
   PCB 4316C* Marine Ecology of Florida ______
   PCB 4353* Fl Natural History ______
   PCB 4353L* FL Natural History Lab ______
   PCB 4402* Disease Eco & Immunology ______
   PCB 4415* Sensory Ecology ______
   PCB 4514* Genetics 2 ______
   PCB 3522 Molec Bio I ______
   PCB 4524 Molec Bio 2 ______
   PCB 4575* Wildlife Genomics ______
   PCB 4683L* Evol. Biology Lab ______
   PCB 4678* Evolution in Medicine ______
   PCB 4684* Population Genetics ______
   a. PCB 4723* Animal Physiology ______
   a. 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* Vet Ego and Eco ______
   a. ZOO 4405C* Sea Turtle Internship ______
   ZOO 4480* Mammalogy ______
   ZOO 4480L* Mammalogy Lab ______
   a. ZOO 4513* Animal Behavior ______
   ZOO 4662C* Herpetology ______
   a. ZOO 4693C* Embryology/Develop ______
   a. ZOO 4756C* Comp Vert Histology ______
   ZOO 3454* Ichthyology ______
   a. ZOO 3930* Ornithology ______
   a. ZOO 4910L* Exp Res in Zoo Env ______