1. State General Education Core
- Communication Foundation: ENC 110
- Mathematical Foundation: MAC1105C, MAC2311C, MG1106, MG1107, STA2023
- 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
- Historical Foundations
- Mathematical Foundations
- 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. 6 hours of summer enrollment (total) in academic career. ____ of 9
10. At least 2.0 needed: ____ UCF GPA ____ Major GPA
11. 48 hours 3xxx-4xxx level – 35 Biology requires = 13 hours left

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

5. Note: If all requirements are satisfied on the road map, your major is satisfied. Please consult with COSAS for a final graduation check on all university requirements.

5A. Cognate Sciences Core (31-33 hours)

Chemistry Placement Test: CHM1025 Intro to Chemistry __

CHM 2045C Chemistry Fundamentals I __
CHM 2046 Chemistry Fundamentals II __

Math Placement Test: MAT1033C__, MAC1105__, MAC1114__, 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
PCB 4683L - 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), 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 *), 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 __
OCE 3008* Oceanography __

**Classes that satisfy the Required Electives cannot duplicate towards this section. Any Required Electives taken in excess of 3hr will count here.**

Restricted Electives (12 hrs)

BSC 4312C* Adv Marine Biol __
BSC 4473C* Scientific Diving __
OCE 3008* Oceanography __
PCB 3355L* Tropical Marine Bio __
PCB 3442* Aquatic Ecology __
PCB 4301C* Wetland Eco & Biogeoch __
PCB 4315C* Marine Ecology of Florida __
a. PAZ 4254* Zoo & Aquarium Mgt __
a. ZOO 4205C* Invertebrate Biodiversity __
a. ZOO 4310C* Vert Eco and Eco __
a. ZOO 4405C* Sea Turtle Internship __
a. ZOO 4462C* Herpetology __
a. ZOO 3454* Ichthyology __

Additional Biology Electives: (7 hours)
a. ANT 3550C - Primatology __