1. State General Education Core
- Communication Foundation: ENC 1101
- Mathematical Foundation: MAC1105C, MAC2311C, MGF1106, MGF1107, STA2023
- Science Foundation: CHM 2045C, BSC 2010C

2. General Education Program (36 Hours)

Communications Foundations
1. ENC 1101 3
2. ENC 1102 3
3. SPC 1603, SPC 1608, COM 1000 3

Cultural & Historic Foundations
4. EUH 2000 or AMH 2010 or HUM 2201 or WOH2012
5. ARH 2050, ARH 2051, MUL 2010, PHI 2010, LIT 2110, LIT 2120, THE2000, FIL 1000 or REL2300
6. One additional course from Group 4 or 5 3

Mathematical Foundations
7. MAC 2311 4
8. STA 2023 3

Social Foundations
10. AMH 2020 or ECO2013 or ECO 2023 or POS 2041

Science Foundations
11. CHM 2045C 4
12. BSC 2010C 4

3. University Requirements:
   - 9 hours of summer enrollment (total) in academic career. of 9
   - 20 UCF GPA. UCF GPA
   - 48 hours 3xxx-4xxx level – 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 4
   - BSC 2011C Biology 2 4
   - PCB 3023 Molec Cell Bio 3
   - PCB 3044 Ecology 3
   - PCB 3063 Genetics 3
   - PCB 3683 Evolutionary Biology 4

5A. Cognate Sciences Core (33-33 hours)
   - Chemistry Placement Test: CHM2040, CHM2041, or CHM2045
   - CHM 2045C (or CHM 2040c 2041e) 4
   - CHM 2046 3

Road Map- Ecology, Evolutionary and Conservation Biology Track
Catalog Year: 2016-2017

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

BSC 4821* Biogeography 4
BPC 4684* Population Genetics 3
BPC 3353* Invasion Biology 3
BSC 4861L* Urban Ecology 3
BSC 5258L Trop Bio Research 3

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 *).
   - Independent Study/Directed Research: May include a maximum of 4hrs towards restricted electives- (Completed with Biology Faculty)

   Required Electives (choose two from the following) (6-8 hours)
   - BSC 3052* Conservation Biol 3
   - BSC 4821* Biogeography 4
   - PCB 4684* Population Genetics 3
   - a) ZOO 4310C* Vert Evo and Eco 4

   Restricted Electives (choose from the following) (7-9 hours)
   - p) BOT 4303C Plant Kingdom 5
   - BSC 4330* Invasion Biology 3
   - BSC 4821* Biogeography 4
   - BSC 3052* Conservation Biol 3
   - BSC 4861L* Urban Ecology 3
   - PCB 3343L* Princ Field Ecology 3
   - PCB 3354* Tropico C. 3
   - PCB 335L* Tropical Marine Bio 3
   - PCB 3442* Aquatic Ecology 3
   - PCB 3503C Marine Ecology 3
   - PCB 353C Fl Natural History 3
   - PCB 4402* Disease Eco & Immunology 3
   - PCB 4514* Genetics 2 3
   - PCB 4524 Molec Bio 2 3
   - PCB 4683L* Evolution in Medicine 3
   - PCB 4684* Population Genetics 3
   - a) PCB 4723* Animal Physiology 4
   - PCB 4932* Genomics lab 4
   - PCB 531C* Marine Conservation 4
   - PCB 5326C* Ecosystems of Fl 5
   - PCB 5435C Marine Ecology of Fl 3
   - PCB 5485* Models in Ecology 3
   - a) ZOO 3713C* Comp Vert An 5
   - ZOO 3733C Human Anatomy 4
   - a) ZOO 4205C* Bio and Eco Meta Inv 5
   - ZOO 4310C Vert Evo and Eco 4
   - a) ZOO 4480* Mammalogy 4
   - ZOO 4513* Animal Behavior 3
   - a) ZOO 4462C* Herpetology 4
   - ZOO 4603C* Embryology/Development 5
   - ZOO 4753C Vertebrate Histology 4
   - a) ZOO 5456C Ichthyology 4
   - a) ZOO 5475L* Field Ornithology 3