1. State General Education Core
- Communication Foundation: ENC 110
- Mathematical Foundation: MAC 1105C, MAC 2311C, MGF 1106, MGF 1107, STA 2024
- Science Foundation: CHM 2045C, BSC 2101C

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

Social Foundations
1. ENC 1101

Mathematical Foundations
7. MAC 2311
8. STA 2023

3. University Requirements
- 9 hours of summer enrollment (total) in academic career
- 2.0 UCF GPA
- 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 is required for graduation.
- Exit Exam- to be completed the term you graduate.
- Departmental Residency Requirement: ________ of 22
  o 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 4683 Evolutionary Biology 4

5A. Cognate Sciences Core (31-33 hours)
Chemistry Placement Test: CHM 2040C, CHM 2041C, or CHM 2045C
CHM 2045C (or CHM 2040C, CHM 2041C) 4/3
CHM 2046 3
CHM 2046L 1
CHEM 2210 CHEM 3120 3/3
CHEM 2211 or CHEM 2205 3/5
CHEM 2211L CHEM 3120L 2/1

Math Placement Test: MAC 1105C, MAC 1114, MAC 1140
MAC 2311 4
STA 2023 3

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 4680L - Evolutionary Biology Lab

B - Non-Core: designed with

6. 22 hours of restricted electives are required, with following stipulations: 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.

6A. Restricted Electives (22 hrs)
Upper division restricted electives
a. ANT 3550 Primate Biology 3
b. BCH 4053 Biochemistry 1 3
b. BCH 4054 Biochemistry 2 3
p. BOT 3xxx Principles of Plant Science 3
p. BOT 3018C Culinary Botany 3
p. BOT 3802 Ethnobotany 3
p. BOT 4233C Plant Anatomy 4
p. BOT 4303C Plant Kingdom 5
p. BOT 4xxx Plant Microtechniques 2
p. BOT 4xxx Plant Science Capstone 2
p. BOT 4434C Gen Mycology 4
p. BOT 4503C Plant Physiology 4
p. BOT 4713C Plant Taxonomy 5
p. BOT 4850 Medicinal Botany 3
BSC 3652 Conservation Biol 3

Advisor
Date

General Biology B.S Track
2016-2017

BSC 3312* Princ Marine Biol 3
BSC 4312C* Adv Marine Biol 4
BSC 4330* Invasion Biology 3
BSC 4xxx* Bio Res. Meth & Exp Design 3
BSC 4821* Biogeography 4
BSC 4861L* Urban Ecology... 3
BSC 5258L* Trop Bio Research 3
a. ENY 3xxx* Honey Bee Bio & Beekeeping 3
a. ENY 4004C* General Entomology 4
MCB 3020C Gen Microbiology 5
OCE 3008 Oceanography 3
a. PAZ 4234* Zoo & Aquarium Mgmt 3
PCB 3044L* Ecology Lab 1
PCB 3063L* Genetics Lab 1
PCB 3323* Immunology 3
PCB 3343L* Princ Field Ecology V
PCB 3354* Tropic Ecology & Cons. 3
PCB 3355L* Tropical Marine Biol 2
PCB 3442* Aquatic Ecology 3
PCB 3703C Human Physiology 4
PCB 4xxx* Wetland Eco & Biogeochem 4
PCB 4353* FI Natural History 3
PCB 4402* Disease Eco & Immunology 3
PCB 4514* Genetics 2 3
PCB 3522 Molec Bio I 3
PCB 4524 Molec Bio 2 3
PCB 4683L* Evol. Biology Lab 1
PCB 4678* Evolution in Medicine 3
PCB 4684* Population Genetics 3
a PCB 4723* Animal Physiology 4
PCB 4932C* Genomics Lab 4
PCB 5316C* Marine Conservation 4
PCB 5326C* Ecosystems of FI 5
PCB 5435C* Marine Ecology of FI 4
PCB 5485 Models in Ecology 3
a ZOO 3713C* Comp Vert Anat 5
ZOO 3733C Human Anatomy 4
a ZOO 4205C* Bio and Eco Meta Inv 4
a ZOO 4310C* Vet Evo and Eco 4
a ZOO 4480* Mammalogy 4
ZOO 4480L* Mammalogy Lab 1
a ZOO 4513* Animal Behavior 3
a ZOO 4462C* Herpetology 4
a ZOO 4603C* Embryology/Develop 5
a. ZOO 4753C* Comp Vert Histology 4
a. ZOO 3xxx Ichthyology 3
a ZOO 3xxx Ornithology 3