1. State General Education Core
- Communication Foundation: ENC 110
- Mathematical Foundation: MAC 1105C, MAC 2311C, MGF 1106, MGF 1107, STA 2023
- 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
- Social Foundations
  - Science Foundations
    - BSC 2010C - Biology I
    - 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
   - 42 hours 3xxx-4xxx level – 35 Biology requires = 7 hours left (to be satisfied with free electives or minor) _____ of 7

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 Zoology  _
   - BSC 211C Biology  _
   - PCB 3023 Molec Cell Bio  _
   - PCB 3044 Ecology  _
   - PCB 3063 Genetics  _
   - PCB 4863 Evolutionary Biology  _

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

# Additional Biology Electives: (5-9 hours)

- a. ANT 3550C  Primatology
- b. BCH 4024  Medical Biochemistry
- c. BCH 4053  Biochemistry I
- d. BCH 4054  Biochemistry II
- e. BOT 3015*  Principles of Plant Science
- f. BOT 3018C+  Culinary Botany
- g. BOT 3802*  Ethnobotany
- h. BOT 4223C+  Plant Anatomy
- i. BOT 4282C+  Plant Microtechniques
- j. BOT 4303C+  Plant Kingdom
- k. BOT 4435C+  Biology of Fungi
- l. BOT 4505C+  Plant Physiology
- m. BOT 4530C+  Plant Genomics and Biochemistry
- n. BOT 4713C+  Plant Taxonomy
- o. BOT 4850*  Medical Botany
- p. BOT 4922*  Plant Science Capstone
- q. BOT 4970H  Honors Undergrad Thesis
- r. BSC 3952*  Conservation Biol
- s. BSC 345*  Bio Res. Meth & Exp Design
- t. BSC 4821*  Biogeography
- u. BSC 4312C+  Adm Marine Biol
- v. BSC 4330*  Invasion Biology
- w. BSC 4566*  Programming for Bio
- x. BSC 4445C+  Genomics Lab
- y. BSC 4473C+  Scientific Diving
- z. BSC 4861L*  Urban Ecology...
- (a) BSC 4927*  Scientific Engagement
- (b) BSC 5258L  Trop Bio Research
- (c) BSC 5316C  Marine Conservation
- (d) MCB 3020C  Gen Microbiology
- (e) OCE 3008*  Oceanography
- (f) PAZ 4234*  Zook & Aquarium Mgmt
- (g) PCB 3044L*  Ecology Lab
- (h) PCB 3063L*  Genetics Lab
- (i) PCB 323  Immunology
- (j) PCB 3343L*  Princ Field Ecology
- (k) PCB 3354*  Tropic Ecology & Cons.
- (l) PCB 3355L*  Tropical Marine Bio
- (m) PCB 3342*  Aquatic Ecology
- (n) PCB 3522  Molc Bio I
- (o) PCB 3703C  Human Physiology
- (p) PCB 4301C+  Wetland Eco & Biogeochem.
- (q) PCB 4315C+  Marine Ecology of Florida
- (r) PCB 4431*  FL Eco., Nat. Hist. & Cons.
- (s) PCB 4435L+  FL Ecology Lab
- (t) PCB 4402*  Disease Eco & Immunology
- (u) PCB 4413*  Entry Ecology
- (v) PCB 4462*  GIS for Biologists
- (w) PCB 4514*  Genetics II
- (x) PCB 4524  Molc Bio 2
- (y) PCB 4575*  Wildlife Genomics
- (z) PCB 4678*  Evolution in Medicine
- (aa) PCB 4683L*  EVOL Lab
- (bb) PCB 4684*  Population Genomics
- (cc) PCB 4723*  Animal Physiology
- (dd) PCB 5325*  Ecosystems of FL
- (ee) PCB 5435C*  Marine Ecology of FL
- (ff) PCB 5485*  Models in Ecology
- (gg) PCB 5487*  Ichthyology
- (hh) ZOO 3713C+  Comp Vert Anat
- (ii) ZOO 3733C  Human Anatomy
- (jj) ZOO 4205C+  Invertebrate Biodiversity
- (kk) ZOO 4272*  Ornithology
- (ll) ZOO 4310C+  Vert Evo and Ecos.
- (mm) ZOO 4405C+  Sea Turtle Internship
- (nn) ZOO 4466C+  Herpetology
- (oo) ZOO 4480*  Mammalogy
- (pp) ZOO 4480L*  Mammalogy Lab
- (qq) ZOO 4513*  Animal Behavior
- (rr) ZOO 4663C+  Endangered Species
- (ss) ZOO 4750C+  Comp Vert Histology
- (tt) ZOO 4910L+  Res Exp in Zoo Env