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
   - SPC 1603C - Fundamentals of Technical Presentations
   Cultural & Historical Foundations
   - Mathematical Foundations
   - MAC 2311C - Calculus with Analytic Geometry I
   - STA 2023 - Statistical Methods I
   Science Foundations
   - BSC 2010C - Biology I
   - CHM 2045C - Chemistry Fundamentals I

3. University Requirements
   - 9 hours of summer enrollment (total) in academic career.
   - At least 2.0 needed: ______UCF GPA ______ Major GPA
   - 48 hours 3xxx-4xxx level - 35 Biology requires = 13 hours left
   - Exit Exam: to be completed upon completion of Biology core courses.
   - Departmental Residency Requirement: ______ of 22
     o 22 hours of regularly scheduled upper division courses must be taken in the UCF Biology Department.

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 upon completion of Biology core courses.

5. Biology Core Courses (21 hours)
   BSC 2010C Gen Biology 4
   BSC 2011C Biology 2 4
   PCB 3023 Molec Cell Bio 3 4
   PCB 3044 Ecology 3 3
   PCB 3065 Genetics 3
   PCB 4863 Evolutionary Biology 4

5A. Cognate Sciences Core (31-33 hours)
   Chemistry Placement Test: CHM 2040, CHM 2041, or CHM 2045
   - CHM 2045C (or CHM 2040_2041_) 4/3+3
   - CHM 2046 3
   - CHM 2046L 1
   - CHM 2210 CHM 2205 3/5
   - CHM 2211 or CHM 3120 3/3
   - CHM 2211L or CHM 3120L 2/1
   - PHY 2053C or PHY 2048C 4
   - PHY 2054C or PHY 2049L 4
   - MAC 2311 or MAC 2233 or MAC 2253 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 4683L - Evolutionary Biology Lab
   B - Non-Core: designated with †

6. 22 hours of restricted electives are required, with following stipulations - of 22 hours must be RE GPA
   - 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
   - Independent Study/Direct/Research: May include a maximum of 4hrs towards restricted electives (Complied 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 3550C Primatology 3
      BCH 4024 Medical Biochemistry 4
      BCH 4053 Biochemistry I 1 3
      BCH 4054 Biochemistry II 3
      p. BOT 3015 Principles of Plant Science 3
      p. BOT 3018C+ Principles of Plant Science 3
      p. BOT 3802* Ethnobotany 3
      p. BOT 4223C+ Plant Anatomy 4
      p. BOT 4282L+ Principles of Plant Science 3
      p. BOT 4303C+ Plant Genetics and Biochem 4
      p. BOT 4530C+ Principles of Plant Science 3
      p. BOT 4653C+ Principles of Plant Science 3
      p. BOT 4713C+ Plant Taxonomy 4
      p. BOT 4850* Medical Botany 3
      p. BOT 4922* Plant Science Capstone 2
      DOT 4970H 1 Honors Undergrad. Thesis 3

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.