1. State General Education Core
   - Communication Foundation: ENC 110
   - Mathematical Foundations: MAC1105C, MAC2311C, MGF1106, MGF1107, STA2023
   - 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
   - Statistics
     STA 2023 - Statistical Methods I
   - 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.

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

5. Biology core courses (21 hours)
   - BSC 2011C Biology I 4
   - BSC 2011C Biology II 4
   - PCB 3023 Molec Cell Bio 3
   - PCB 3044 Ecology 3
   - PCB 3063 Genetics 3
   - PCB 4803 Evolutionary Biology 4

6. Restricted Electives (choose from following (7-9 hrs))
   **Classes that satisfy the Required Electives cannot duplicate towards this section. Any Required Electives in excess of two will count here.**
   p. BOT 4103C+ Plant Kingdom 4
   p. BOT 4503C+ Plant Physiology 4
   p. BOT 4713C+ Plant Anatomy 3
   p. BOT 5035C+ Evolution in Medicine 4
   p. BOT 5468L+ Evolution Biology Lab 1
   p. BOT 5468L+ Evolution Biology Lab 1
   p. BOT 4272L+ Embryology/Develop 5
   a. ZOO 3713L+ Animal Behavior 3
   a. ZOO 4513* Animal Behavior 3

7. Additional Biology Electives (5-9 hours)
   - BCh 4024 Medical Biochemistry 3

8. Road Map - Ecology, Evolutionary and Conservation Biology
   Catalog Year: Summer 2020 - Spring 2021
   5A. Cognate Sciences Core (31-33 hours)
   - Chemistry Placement Test: CHM 1025 Intro to Chemistry 2
   - CHM 2045C Chemistry Fundamentals I 4
   - CHM 2406L Chemistry Fundamentals Lab 1
   - CHM 2211L or CHM 3120 3/5
   - PHY 2054C or PHY 2049C or PHY 3120C 4/3+1
   - Math Placement Test: MAT 1033C, MAC 1105C, MAC 1140C, MAC 2311L or MAC 2253L Calculus
   - STA 2023 Statistical Methods I 3

9. B. Lab requirement- Two labs
   At least one of these labs must come from section A. Core:
   - A - Core:
     p.CPB 3044L - Ecology Lab 3
     p.CPB 3063L - Genetics Lab 3
     p.CPB 4803L - Evolutionary Biology Lab 1
   - B - Non-Core: selected with †
   6. 22 hours of restricted electives are required, with following stipulations:

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.