1. State General Education Core
   - Communication Foundation: ENC 1101
   - Mathematical Foundation: MAC1105C, MAC2311C, MGF1106, MGF1107, STA2023
   - Social Foundation: ECO2013, POS2041, AMH200, PSY212, SYG2020, ANT2000
   - 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
   - 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.
   - At least 2.0 needed: UCF GPA Major GPA
   - 42 hours 3xxx-4xxx level - 35 Biology required = 7
   - 42 hours 3xxx-4xxx level - 35 Biology required = 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:

5. Biology core courses (21 hours)
   - BSC 2010C Gen Biology
   - BSC 2011C Lab Biology
   - PCB 3025 Marine Cell Bio
   - PCB 3044 Ecology
   - PCB 3063 Genetics
   - PCB 4683 Evolutionary Biology

6. Chemistry Placement Test: CHM1025 Intro to Chemistry

5A. Cognate Sciences Core (31-33 hours)
- CHM 2045C Chemistry Fundamentals I
- CHM 2046C Chemistry Fundamentals II
- CHM 2046L Chemistry Fundamentals Lab
- CHM 2210 CHM 2205
- CHM 2211 or CHM 3120
- CHM 2211L CHM 3120L
- PHY 2053C or PHY 2048C (or +L)
- PHY 2054C or PHY 2049C (or +L)

Math Placement Test: MAC1105, MAC1114, MAC 1140, MAC 2311 or MAC 2233 or MAC 2253 Calculus

5B. Lab requirement - Two labs

5G. Required Electives Choose at least two from the following (9-10hrs)

5H. Restricted Electives (choose from following) (5-6 hrs)

5I. Additional Biology Electives: (6-8 hours)

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.