1. State General Education Core
   - Communication Foundation: ENC 110
   - Mathematical Foundation: MAC1105C, MAC2311C, MGFI106, MGFI107, 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
   Social Foundations
   - MAC 2311C - Calculus with Analytic Geometry I
   - STA 2023 - Statistical Methods I
   Science Foundations
   - BSC 2010C - Biology I Credit Hours: 4
   - CHM 2045C - Chemistry Foundations I

3. University Requirements
   - 9 hours of summer enrollment (total) in academic career: __________ of 9
   - At least 2.0 needed: ______ UCF GPA ______ Major GPA
   - 48 hours 3xxx-4xxx level – 35 Biology requires = 13 hours left (to be satisfied with free electives or minor) ______ of 13

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 course.
   - 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 Gen Biology 4
   - BSC 211C Biology 2 4
   - PCB 3023 Mole Cell Bio 3
   - PCB 3044 Ecology 3
   - PCB 3063 Genetics 3
   - PCB 4683 Evolutionary Biology 4

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

5A. Cognate Sciences Core (31-33 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tr>
<td>CHM 2045C</td>
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<tr>
<td>PHY 2054C</td>
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</tbody>
</table>

Math Placement Test: MAT1033C, MAC1105C, MAC1114, MAC 1140

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: designed with †

5C. Math Placement Test: MAC 2311 or MAC 2233 or MAC 2253

STA 2023

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

Required Electives (3hr)

- p. BOT 3802* Ethnobotany 3

Restricted Electives (choose from following) (12 hrs)

- p. BOT 3018C* Culinary Botany 4
- p. BOT 4805* Medical Botany 3
- p. BOT 4225C* Plant Anatomy 4
- p. BOT 4303C* Plant Kingdom 4
- p. BOT 4503C* Plant Physiology 5
- p. BOT 4713C* Plant Taxonomy 5

Additional Biology Electives (7 hours)

- a. ZOO 3550C Primatology 3
- BSC 4922* Plant Science Capstone 2

Required: 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.