1. State General Education Core
   - Communication Foundation: ENC 110
   - Mathematical Foundation: 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
     - STA 2023 - Statistical Methods I
   - Social Foundations
     - BSC 2010C - Biology I
     - BSC 2045C - Biology Fundamentals
   - State General Education Core
     - Science Foundations: CHM 2045C, BSC 2311C, MAC 2311C
     - Liberal Education Core: 30 credit hours

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
     to be satisfied with free electives or minor
   - 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.

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.
   - A minimum of a C (2.0) in all Biology offered Core Classes and
     Required Electives is required for graduation.
   - A minimum of a C (2.0) in all Biology offered Core Classes and
     Required Electives is required for graduation.
   - A minimum of a C (2.0) in all Biology offered Core Classes and
     Required Electives is required for graduation.

5. Biology core courses (21 hours)
   - BSC 2045C - Biology I
   - BSC 2011C - Biology II
   - PCB 3023 - Molecular Cell Bio
   - PCB 3044 - Ecology
   - PCB 3063 - Genetics
   - PCB 4683 - Evolutionary Biology

6. 22 hours of restricted electives are required, with following
    stipulations:
    - 12 hours of Biology
    - 10 hours of upper division
    - 10 Independent Study/Directed Research: May include a maximum of 4hrs
      required for upper division
    - 6000 level courses may be taken by seniors with prior permission of course
      instructor. You will be charged graduate level tuition.

Required Elective (3hr)

Restricted Electives (choose at least one course from Group A and two from
Group B) Remaining credits can be from any group (14 hrs)

Group A

| BOT 4922* | Plant Science Capstone | 2 |
| BOT 4970H | Honors Undergraduate Thesis | 3 |

Group B

| BOT 4223C* | Plant Anatomy | 4 |
| BOT 4282L* | Plant Microtechniques | 2 |
| BOT 4503C* | Plant Physiology | 4 |
| BOT 4713C* | Plant Taxonomy | 5 |
| BOT 4912 | Directed Independent Research | 4 |

Group C (Other Restricted Electives)

| BOT 3018C* | Culinary Botany | 3 |
| BOT 3802* | Ethnobotany | 3 |
| BOT 4850* | Medical Botany | 4 |
| BSC 4330* | Invasion Biology | 3 |
| PCB 3354* | Tropic Ecology & Cons. | 3 |
| PCB 4462* | GIS for Biologists | 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.