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
   - Social Foundations
     - MAC 2311C - Calculus with Analytic Geometry I
     - STA 2023 - Statistical Methods I
   - Mathematical Foundations
     - BSC 2010C - Biology I
     - CHM 2045C - Chemistry Fundamentals I

3. **University Requirements**
   - 9 hours of summer enrollment (total) in academic career.
   - 48 hours 3xxx-4xxx level – 35 Biology requires = 13 hours left (to be satisfied with free electives or minor)

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.
   - 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
   - BSC 2011C Biology 2
   - PCB 3023 Molec Cell Bio
   - PCB 3044 Ecology
   - PCB 3063 Genetics
   - PCB 4683 Evolutionary Biology

6. **22 hours of restricted electives are required, with following stipulations: of 22 hours _____ RE GPA**
   - 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 (designated with an *).
   - Independent Study/Directed Research: May include a maximum of 4hrs towards restricted electives (Completed 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
     - b. BCH 4024 Medical Biochemistry
     - c. BCH 4053 Biochemistry I
     - d. BCH 4054 Biochemistry II
     - p. BOT 3015 Principles of Plant Science
     - p. BOT 3018C+ Principles of Plant Science
     - p. BOT 3802* Ethnobotany
     - p. BOT 4223C+ Plant Anatomy
     - p. BOT 4282L+ Plant Microtechniques
     - p. BOT 4305C+ Plant Kingdom
     - p. BOT 4430C+ Biology of Fungi
     - p. BOT 4503C+ Plant Physiology
     - p. BOT 4530C+ Plant Genomics and Biochem
     - p. BOT 4713C+ Plant Taxonomy
     - p. BOT 4850+ Medical Botany
     - p. BOT 4892+ Plant Science Capstone
     - p. BOT 4970H Honors Undergrad. Thesis

   - 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.