1. State General Education Core
   - Communication Foundation: ENC 110
   - Mathematical Foundation: MAC 1105C, MAC 2311C, MG F 1106, MGF 1107, STA 2023
   - 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
   - 48 hours 3xxx-4xxx level – 35 Biology requires = 13 hours left
   - 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) ______ 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 is required for graduation.
   - Exit Exam- to be completed upon completion of Biology core courses
   - Departmental Residency Requirement: _______ of _______ 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 2011C Biology 2 4
   - PCB 3023 Molec 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:
   - Core of 22 hours _______ RE GPA
   - Courses must be selected from those listed below:
   - 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. AN 4024 Medical Microbiology 4
   - B. AN 4053 Biochemistry I 3
   - B. AN 4054 Biochemistry II 3
   - P. BOT 3015* Principles of Plant Science 3
   - P. BOT 3015* Principles of Plant Science 3
   - P. BOT 3018C*+ Medical Botany 4
   - P. BOT 3802* Ethnobotany 3
   - P. BOT 4232C*+ Plant Anatomy 4
   - P. BOT 4262C*+ Plant Microtechniques 4
   - P. BOT 4303C*+ Plant Kingdom 4
   - P. BOT 4430C*+ Biology of Fungi 4
   - P. BOT 4503C*+ Plant Physiology 4
   - P. BOT 4530C*+ Plant Genomics and Biochem 4
   - P. BOT 4713C* Plant Taxonomy 5
   - P. BOT 4850* Medical Botany 3
   - P. BOT 4922* Plant Science Capstone 2
   - P. BOT 4970H Honors Undergrad. Thesis 3
   - BSC 3052* Conservation Biol 3

6B. 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: designated with $+$

6C. 22 hours of restricted electives are required, with following stipulations:
   - Core of 22 hours _______ RE GPA
   - Courses must be selected from those listed below:
   - 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.

6D. Restricted Electives (22 hrs)
   Upper division restricted electives
   - a. AN 4024 Medical Microbiology 4
   - a. AN 4053 Biochemistry I 3
   - a. AN 4054 Biochemistry II 3
   - a. AN 4054 Biochemistry II 3
   - a. BOT 3015* Principles of Plant Science 3
   - a. BOT 3015* Principles of Plant Science 3
   - a. BOT 3015* Principles of Plant Science 3
   - a. BOT 3018C*+ Medical Botany 4
   - a. BOT 3802* Ethnobotany 3
   - a. BOT 4232C*+ Plant Anatomy 4
   - a. BOT 4262C*+ Plant Microtechniques 4
   - a. BOT 4303C*+ Plant Kingdom 4
   - a. BOT 4430C*+ Biology of Fungi 4
   - a. BOT 4503C*+ Plant Physiology 4
   - a. BOT 4530C*+ Plant Genomics and Biochem 4
   - a. BOT 4713C* Plant Taxonomy 5
   - a. BOT 4850* Medical Botany 3
   - a. BOT 4922* Plant Science Capstone 2
   - a. BOT 4970H Honors Undergrad. Thesis 3
   - a. BSC 3052* Conservation Biol 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.