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
- MAC 2311C - Calculus with Analytic Geometry I
- STA 2023 - Statistical Methods I
Social 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 3xx-4xx level - 35 Biology requires = 13 hours left

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 4
- BSC 2011C Biology 2 4
- PCB 3023 Molec Cell Bio 3
- PCB 3044 Ecology 3
- PCB 3065 Genetics 3
- PCB 4638 Evolutionary Biology 4

6. 22 hours of restricted electives are required, with following stipulations: _______ of 22 hours ________ RE GPA
- Courses must be selected from the following list below:
- Include at least 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 *). _______ of 10
- 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 Primateology 3
- BCH 4024 Medical Biochemistry 4
- BCH 4053 Biochemistry I 3
- BCH 4054 Biochemistry II 3
- p. BOT 3015† Principles of Plant Science 3
- p. BOT 3018C*† Culinary Botany 4
- p. BOT 3802* Ethnobotany 3
- p. BOT 4223C*† Plant Anatomy 4
- p. BOT 4282L† Plant Microtechniques 2
- p. BOT 4303C*† Plant Kingdom 4
- p. BOT 4503C*† Plant Physiology 4
- p. BOT 4530C*† Plant Genomics and Biochem 4
- p. BOT 4653C*† Biology of Fungi 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

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.

5A. Cognate Sciences Core (31-33 hours)
Chemistry Placement Test: CHM2040, CHM2041, or CHM2045
- CHM 2045C (or CHM 2040_2041) 4/3+3
- CHM 2046 3
- CHM 2046L 1
- CHM 2210 CHM 2205 3/5
- CHM 2211 OR CHM 3120 3/3
- CHM 2211L CHM 3120L 2/1
- PHY 2053C or PHY 2048C 4
- PHY 2054C or PHY 2049C 4

Math Placement Test: MAC1105, MAC1114, MAC 1140
- MAC 2311 or MAC 2233 or MAC 2253 4
- STA 2023 3

5B. Lab requirement- Two labs
At least one of these labs must come from section A - Core.
A - Core:
- PCB 3064L - Ecology lab
- PCB 3063L - Genetics lab
- PCB 4683L - Evolutionary Biology Lab
B - Non-Core: designated with †

6. Co 22 hours of restricted electives are required, with following stipulations: _______ of 22 hours ________ RE GPA
- Courses must be selected from the following list 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 *). _______ of 10
- 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.

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- p. BOT 3802* Ethnobotany 3
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- p. BOT 4303C*† Plant Kingdom 4
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