General Biology B.S Track
Summer 2021 - Present

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
   - MGF 1106 - Fundamental 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. ____ of 9
   - At least 2.0 needed: _____UCF GPA _____Major GPA
   - 42 hours 3xxx-4xxx level – 35 Biology requires = 7 hours left (to be satisfied with free electives or minor) _____ of 7

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
     o 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

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: CHM1025 Intro to Chemistry __2__

- CHM 2045C Chemistry Fundamentals I ________ 4
- CHM 2046 Chemistry Fundamentals II ________ 3
- CHM 2046L Chemistry Fundamentals Lab ________ 1
- CHM 2210 CHM 2205 ________ 3/5
- CHM 2211 or CHM 3120 ________ 3/5
- CHM 2211L CHM 3120L ________ 2/1
- PHY 2053C (or +L) or PHY 2048C (or +L) ________ 4/3+1
- PHY 2054C (or +L) or PHY 2049C (or +L) ________ 4/3+1

Math Placement Test: MAC1105__, MAC1114__, MAC 1140__

- MAC 2311 or MAC 2233 or MAC 2253 Calculus ________ 4

STA 2023 Statistical Methods I ________ 3

5B. Lab requirement- Two labs
At least one of these labs must come from section A - Core.

- A - Core:
  - PCB 3044L - Ecolab lab
  - PCB 3063L - Genetics lab
  - PCB 4683L - Evolutionary Biology Lab

- B - Non-Core: designated with †

6. 22 hours of restricted electives are required, with following stipulations - 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 *), ________ 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 Ectectives (22 hrs)

Upper division restricted electives

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<td>BCH 4053</td>
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<td>BOT 3015*</td>
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<td>BOT 3018**</td>
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<td>BOT 3020*</td>
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<td>BOT 4223**</td>
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<td>Plant Microtechniques</td>
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<td>BOT 4303**</td>
<td>Plant Kingdom</td>
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<td>Biology of Fungi</td>
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<td>Plant Physiology</td>
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<td>BOT 4530**</td>
<td>Plant Genomics and Biochem</td>
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Advisor_________________________

Date_________________________

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