Fall 2023
General Biology B.S Track
Summer 2021 - Present

5A. Cognate Sciences Core (31-33 hours)

Chemistry Placement Test: CHM1025 Intro to Chemistry ___.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
</tr>
<tr>
<td>CHM 2046C</td>
<td>Chemistry Fundamentals II</td>
</tr>
<tr>
<td>CHM 2046L</td>
<td>Chemistry Fundamentals Lab</td>
</tr>
<tr>
<td>CHM 2210</td>
<td>CHM 2205</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>or CHM 3120</td>
</tr>
<tr>
<td>CHM 2211L</td>
<td>or CHM 3120L</td>
</tr>
<tr>
<td>PHY 2053C</td>
<td>or PHY 2048C</td>
</tr>
<tr>
<td>PHY 2054C</td>
<td>or PHY 2049C</td>
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</tbody>
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Math Placement Test: MAC1105, MAC1114, MAC1140.

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>MAC 2311</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2233</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAC 2253</td>
<td>Calculus III</td>
</tr>
</tbody>
</table>

STA 2023 Statistical Methods I ___

5B. Lab requirement- Two labs

At least one of these labs must come from section A - Core.

- **A - Core:**
  - PCB 3044L - Evolutionary Biology Lab
  - PCB 3048L - Evolutionary Biology Lab

- **B - Non-Core: designed with ↑

6. 22 hours of restricted electives are required, with following stipulations:

- At least 2.0 needed: ______UCF GPA ______ Major GPA

- Include one course exclusively on animals (marked a) __________

- One course on plants (marked b) __________

- At least 2 of the 12 must be courses offered by the Department of Biology (designated with an *), ______ of 10

- Independent Study/ Directed Research: May include a maximum of 4 hours towards restricted electives.

- At least 500 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 ___
- **e.** BOT 3015C Principles of Plant Science ___
- **f.** BOT 3802* Ethnobotany ___
- **g.** BOT 4223C+ Plant Anatomy ___
- **h.** BOT 4282C+ Plant Microtechniques ___
- **i.** BOT 4305C+ Plant Kingdom ___
- **j.** BOT 4430C+ Biology of Fungi ___
- **k.** BOT 4503C+ Plant Physiology ___
- **l.** BOT 4530C+ Plant Genomics and Biochem ___
- **m.** BOT 4713C+ Plant Taxonomy ___
- **n.** BOT 4850* Medical Botany ___
- **o.** BOT 4922* Plant Science Capstone ___
- **p.** BOT 4970H Honors Undergrad. Thesis ___

Note: If all requirements are satisfied on the road map, your map is satisfied. Please consult with COSAS for a final graduation check on all university requirements.

Subject to change

Updated 6/28/22