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

Chemistry Placement Test: CHM1025 Intro to Chemistry

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045C Chemistry Fundamentals I</td>
<td>4</td>
</tr>
<tr>
<td>CHM 2046 Chemistry Fundamentals II</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2046L Chemistry Fundamentals Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHM 2210</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2211 or CHM 3120</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2053C (or +L) or PHY 2048C (or +L)</td>
<td>4</td>
</tr>
</tbody>
</table>

Math Placement Test: MAC1105 • MAC1114 • MAC1140

MAC 2311 or MAC 2233 or MAC 2253 Calculus

STA 2023 Statistics 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 4683L - Evolutionary Biology Lab

B - Non-Core: designated with 🆕

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

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 classes offered by the Department of Biology (designated with an *). Of the 10
  Independent Study/Directed Research: May include a maximum of 4hs 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
  - BCH 4024 Medical Biochemistry
  - BCH 4053 Biochemistry I
  - BCH 4054 Biochemistry II
  - p. BOT 3015C Principles of Plant Science
  - p. BOT 3018C Cubytopathy
  - p. BOT 3802* Ethnobotany
  - p. BOT 4223C Plant Anatomy
  - p. BOT 4282C Plant Mirotechniques
  - p. BOT 4305C Plant Kingdom
  - p. BOT 4430C Plant Physiology
  - p. BOT 4540C Plant Physiology
  - p. BOT 4553C Plant Genomics and Biochem
  - p. BOT 4713C Plant Taxonomy
  - p. BOT 4850* Medical Botany
  - p. BOT 4921* 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.

Advisor: Date: 3

Updated 7/25/22 8:43am