**BOTANY**

**NAME: ____________________________**

**Entering Major (Semester): __________**

**Transfer Credits: __________________**

**GRADUATION REQUIREMENTS**

1. Complete the All University Core Curriculum (AUCC)
   - See General Catalog.
2. Complete Botany Core Requirements.
3. Complete a **minimum of 120 total credits.**
4. A **minimum of 42 upper division credits** (300 level or above).
5. Minimum of 2.0 CUMULATIVE GPA
6. Complete the Department's Outcome Assessment Report.

**INDEPENDENT STUDY**

Course considered Independent Study:
- Internship: BZ487 & BZ587V, Seminar: BZ492, Independent Study: BZ495V & BZ594V
- Field Research: BZ384V, BY384V, BZ584V

**Requirements for participation in Independent Study**
- Cumulative GPA: 2.5 GPA in major: 3.0 GPA.
- Junior standing or higher
- For more than 3 credits, per term, student must have approval of Curriculum Committee.

**CORE REQUIREMENTS**

To be qualified for graduation, students in the Botany major must have at least a grade of C- in each of the Core and Physical Sciences courses. This also applies to courses taken as substitutions for meeting these requirements.

**CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSCC102</td>
<td>Attributes of Living Systems (4)</td>
</tr>
<tr>
<td>LS103</td>
<td>Biology of Organisms (4)</td>
</tr>
<tr>
<td>BZCC110</td>
<td>Principles of Animal Bio (3)</td>
</tr>
<tr>
<td>BZCC111</td>
<td>Principles of Animal Lab (1)</td>
</tr>
<tr>
<td>BZCC120</td>
<td>Principles of Plant Biology (4)</td>
</tr>
<tr>
<td>BZ220</td>
<td>Introduction to Evolution (3)</td>
</tr>
<tr>
<td>BY310</td>
<td>Cell Biology (4)</td>
</tr>
<tr>
<td>BZ350</td>
<td>Molecular &amp; General Genetics (4)</td>
</tr>
<tr>
<td>BZ325</td>
<td>Plant Systematics (4)</td>
</tr>
<tr>
<td>BZ331</td>
<td>Plant Anatomy (4)</td>
</tr>
<tr>
<td>BZ440</td>
<td>Plant Physiology (3)</td>
</tr>
<tr>
<td>BZ441</td>
<td>Plant Physiology Lab (2)</td>
</tr>
<tr>
<td>BZ450</td>
<td>Plant Ecology (4)</td>
</tr>
</tbody>
</table>

**SELECT 2 FROM THE FOLLOWING**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>BZ332</td>
<td>Phycology (4)</td>
</tr>
<tr>
<td>BZ333</td>
<td>Mycology (4)</td>
</tr>
<tr>
<td>BZ338</td>
<td>Comp. Morph. of Vascular Plants (4)</td>
</tr>
</tbody>
</table>

**SELECT 2 FROM THE FOLLOWING**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 350</td>
<td>Intro. to Weather and Climate (2)</td>
</tr>
<tr>
<td>G CC122</td>
<td>The Blue Planet: Geology of our Environment</td>
</tr>
<tr>
<td>GR210</td>
<td>Physical Geography (3)</td>
</tr>
<tr>
<td>SC240</td>
<td>Introductory Soil Science (4)</td>
</tr>
</tbody>
</table>

**CHEMISTRY**

- CCC111(4) _____ CCC112(1) _____ C113(3) _____ C114(1) _____

**PHYSICAL SCIENCES**

**ORGANIC CHEMISTRY**

- C245 (4) _______ C246 (1) _______
- C341 (3) _______ C343 (3) _______ C344 (2) _______
- C345 (4) _______ C346 (4) _______

**BIOCHEMISTRY**

- BC351 (4) _______ -OR-
- BC401(3) _______ BC403(3) _______

**PHYSICS**

- PHCC121 (5) _______ PHCC122 (5) _______
- PHCC141 (5) _______ PHCC142 (5) _______

**ALL UNIVERSITY CORE CURRICULUM (AUCC)**

**Category 1**

1. A. Written Communication (3 credits)
   - COCC 150 ______

2. B. Mathematics (3 credits)
   - MCC155 (4) _____ OR MCC160 ______

**Category 2**

2.A. Additional Communication (3 credits)

2.B. Quantitative and/or Logical Thinking:
   - STCC301 (3) OR STCC307 (3) ______
   - OR EHCC307 (3) ______

**Category 3**

3.B. Arts/Humanities (3) ______
3.C. Social/Behavioral (3) ______
3.D. Historical Perspectives (3) ______
3.E. Global & Cultural Awareness (3) ______
3.F. *U.S. Public Values & Inst. (3) ______
3.G. Health & Wellness (2) ______

**Category 4: Depth and Integration (5 crs. Minimum)**

- BZ350 (4) _______ AND BZ450 _______

*Note: For Category 3C, 3D & 3F – a minimum of 6 credits is to be taken in these 3C categories. There are courses listed in 3F that can also fulfill Category 3C or 3D. Student will then need to take a course for the Category not fulfilled by 3F.*
UPPER DIVISION COURSES
Of the 120 credits required for graduation, a minimum of 42 credits must be earned at the 300 level or above.

List total credits by semester, or total transfer credits - do not list by course


HONORS PROGRAM STUDENTS FULFILL THE FOLLOWING REQUIREMENTS FOR THE HONORS PROGRAM INSTEAD OF THE AUCC CORE

Mathematics/Calculus:
MCC 155 (4) _________ OR MCC160 ________

Quantitative and/or Logical Thinking:
STCC301 (3) _____ OR STCC307 (3) _____ OR EHCC307 (3) _____

Health & Wellness (2) _______________________________
HPCC192 (4) ______ HPCC193 (3) ______ HPCC 392 (3) _____ HP399 (1) ______ HP492 (3) _____ HP499 (3) _____ S