

# BIOLOGICAL SCIENCE MAJOR: BOTANY CONCENTRATION

NAME: \_\_\_\_\_

FALL 2007

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

### **Requirements for participation in BZ487V, BZ587V, BZ495V, BZ594V, BZ498V, BZ384V, BY384V and BZ584V.**

- Cumulative GPA: 2.5 GPA in major: 3.0 GPA.
- Junior standing or higher

## GRADE REQUIREMENTS

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

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## BIOLOGY CORE REQUIREMENTS

LIFE102 Attributes of Living Systems (4) \_\_\_\_\_

LIFE103 Biology of Organisms (4) \_\_\_\_\_

**-OR-**

BZ110 Principles of Animal Bio (3) \_\_\_\_\_

BZ111 Principles of Animal Lab (1) \_\_\_\_\_

BZ120 Principles of Plant Biology (4) \_\_\_\_\_

BZ220 Introduction to Evolution (3) \_\_\_\_\_

BIO310 Cell Biology (4) \_\_\_\_\_

BZ350 Molecular & General Genetics (4) \_\_\_\_\_

BZ325 Plant Systematics (4) \_\_\_\_\_

BZ331 Plant Anatomy (4) \_\_\_\_\_

BZ440 Plant Physiology (3) \_\_\_\_\_

BZ441 Plant Physiology Lab (2) \_\_\_\_\_

BZ450 Plant Ecology (4) \_\_\_\_\_

## **SELECT 2 FROM THE FOLLOWING**

BZ332 Phycology (4) \_\_\_\_\_

BZ333 Mycology (4) \_\_\_\_\_

BZ338 Comp. Morph. of Vascular Plants (4) \_\_\_\_\_

## **SELECT 2 FROM THE FOLLOWING**

ATS 350 Intro. to Weather and Climate (2) \_\_\_\_\_

NR130 Global Environmental Systems (3) \_\_\_\_\_

GEOL122 The Blue Planet: Geology of our Environment \_\_\_\_\_

GR210 Physical Geography (3) \_\_\_\_\_

SOCR240 Introductory Soil Science (4) \_\_\_\_\_

## PHYSICAL SCIENCES

### CHEMISTRY

CHEM111(4) \_\_\_\_\_ CHEM112(1) \_\_\_\_\_

**AND**

CHEM113(3) \_\_\_\_\_ CHEM114(1) \_\_\_\_\_

### ORGANIC CHEMISTRY

CHEM245 (4) \_\_\_\_\_ CHEM246 (1) \_\_\_\_\_

**-OR-**

CHEM341 (3) \_\_\_\_\_ CHEM343 (3) \_\_\_\_\_ CHEM344 (2) \_\_\_\_\_

### BIOCHEMISTRY

BC351 (4) \_\_\_\_\_

**-OR-**

BC401(3) \_\_\_\_\_ BC403(3) \_\_\_\_\_

### PHYSICS

PH121 (5) \_\_\_\_\_ PH122 (5) \_\_\_\_\_

**-OR-**

PH141 (5) \_\_\_\_\_ PH142 (5) \_\_\_\_\_

## ALL UNIVERSITY CORE CURRICULUM (AUCC)

### Category 1

1. A. Written Communication (3 credits)  
CO 150 \_\_\_\_\_

1. B. Mathematics (3 credits)

MATH 155 (4) \_\_\_\_\_ **OR** MATH 160 (4) \_\_\_\_\_

### Category 2

2. Additional Communication (3 credits)

A. SPCM 200 \_\_\_\_\_

**OR**

B. Advanced Writing \_\_\_\_\_

2.B. Quantitative and/or Logical Thinking:

STAT301 (3) \_\_\_\_\_ **OR** STAT307 (3) \_\_\_\_\_

**OR** ERHS307 (3) \_\_\_\_\_

### Category 3

3.B. Arts/Humanities (6) \_\_\_\_\_

3.C. Social/Behavioral (3) \_\_\_\_\_

3.D. Historical Perspectives (3) \_\_\_\_\_

3.E. Global & Cultural Awareness (3) \_\_\_\_\_

### Category 4: Depth and Integration (7 crs. minimum)

BZ350 (4) \_\_\_\_\_ **AND** BZ450 \_\_\_\_\_

TRACK 1 HONORS PROGRAM STUDENTS FULFILL THE FOLLOWING REQUIREMENTS FOR THE  
TRACK 1 HONORS PROGRAM INSTEAD OF THE AUCC CORE

Mathematics/Calculus:

MATH 155 (4) \_\_\_\_\_ **OR** MATH160 \_\_\_\_\_

**Quantitative and/or Logical Thinking:**

STAT301 (3) \_\_\_\_ OR STAT307 (3) \_\_\_\_ OR ERHS307 (3) \_\_\_\_

HONR192 (4) \_\_\_\_\_ HONR 193 (3) \_\_\_\_\_ HONR 392 (3) \_\_\_\_\_ HONR 399 (1) \_\_\_\_\_

HONR 492 (3) \_\_\_\_\_ HONR 499 (3) \_\_\_\_\_