BIOLOGICAL SCIENCE MAJOR: BOTANY CONCENTRATION

NAME: ______________________________________

FALL 2004

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
Independent Study Courses: Internship BZ487/BZ587, Seminar:
BZ492, Independent Study: BZ495V/BZ594V, Field Research:
BZ498V. Supervised College Teaching: 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
LSCC102 Attributes of Living Systems (4) ____________
LS103 Biology of Organisms (4) ______________________
-OR-
BZCC110 Principles of Animal Bio (3) ______________
BZCC111 Principles of Animal Lab (1) ________________
BZCC120 Principles of Plant Biology (4) _____________
BZ220 Introduction to Evolution (3) _________________
BY310 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
AT 350 Intro. to Weather and Climate (2) ___________
NRCC130 Global Environmental Systems (3) ______
G CC122 The Blue Planet: Geology of our Environment__
GR210 Physical Geography (3) ___________________
SC240 Introductory Soil Science (4) _______________

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

ORGANIC CHEMISTRY
C245 (4) ___________ C246 (1) ________________
C345 (4) ___________ C346 (4) ________________

PHYSICAL SCIENCES
CCC111(4)_____ CCC112(1)_____ C113(3)_____ C114(1)_____  

PHYSICS
PHCC121 (5) ________ PHCC122 (5) ____________
PHCC141 (5) ________ PHCC142 (5) ____________

ALL UNIVERSITY CORE CURRICULUM (AUCC)

Category 1
1. A. Written Communication (3 credits)
   COCC 150 __________

Category 2
2.A. Additional Communication (3 credits)

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 3Ccategories. 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

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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