**BIOLOGICAL SCIENCE MAJOR: BIOLOGICAL SCIENCE CONCENTRATION**

**NAME: ________________________  FALL 2007  Entering Major Semester: ____________  Transfer Credits ________________**

**GRADUATION REQUIREMENTS**
1. Complete the All University Core Curriculum -- See General Catalog.
2. Complete Biology 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, BY384V, BZ384V and BZ587V. Only BZ487V, BZ495V and BZ498V may be applied towards a student’s SELECTED FIELD with approval of the Curriculum Committee.
- Cumulative GPA: 2.5  GPA in major: 3.0
- Junior standing or higher.

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

### BIOLOGY CORE REQUIREMENTS

- LIFE 102 Attributes of Living Systems (4) ________________
- LIFE 103 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) ________________
- BIO311 Developmental Biology (4) ________________

**ECOLOGY: SELECT 1 COURSE FROM THE FOLLOWING:**
- BIO320 Ecology (3) ________________
- BZ450 Plant Ecology (4) ________________

**GENETICS:**
- BZ350 Molecular & General Genetics (4) ________________

**SELECTED AND ADDITIONAL FIELDS**
In addition, select 12 credits in one field and a minimum of one course in each of two additional fields. See attached list.

#### SELECTED FIELD FOR 12 CREDITS

- ________________
- ________________
- ________________

#### 2 ADDITIONAL FIELDS (minimum 6 credits)

- ________________
- ________________

### 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) ____________

**STATISTICS**

- STAT301 (3) ____________ OR
- STAT307 (3) ____________
  - OR –
- ERHS 307 (3) ____________

### ALL UNIVERSITY CORE CURRICULUM (AUCC)

#### Category 1
1. A. Written Communication (3 credits)
   - CO 150 ____________

#### Category 2
1. A. Mathematics (3 credits)
   - MATH 155 (4) ____________ OR
   - MATH 160 (4) ____________

2. Additional Communication (3 credits)
   A. SPCM 200 ____________
   - OR
   B. Advanced Writing ____________
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 credits minimum)

BIO320 _________ and BZ350 _________  
-- OR --  
BZ350 _________ and BZ450 _________

I:/Checksheets/fall2007  
Revised: 3/15/07

ON THE FOLLOWING PAGES ARE APPROVED COURSES FROM WHICH A STUDENT IN BIOLOGICAL SCIENCES MUST SELECT AT LEAST 12 CREDITS IN ONE SELECTED FIELD AND A MINIMUM OF 6 CREDITS IN TWO ADDITIONAL FIELDS. COURSES USED TO FULFILL BIOLOGY CORE REQUIREMENTS MAY NOT BE USED TO MEET REQUIREMENTS IN THE FIELD AREAS

---

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 MATH 160 (4) _______

Quantitative and/or Logical Thinking:

STAT301 (3) _____ OR STAT307 (3) _____ OR ERHS 307(3) _____

HONR192 (4) ______ HONR193 (3) _____ HONR392 (3) _____ HONR399 (1) _____ HONR492 (3) _____ HONR499 (3) _____

---