

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 is _____

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 _____

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 _____

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 _____

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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) _____
