

# BIOLOGICAL SCIENCE

SUMMER 2000

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

Entering Major Semester: \_\_\_\_\_

## GRADUATION REQUIREMENTS

1. Complete 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 and above.) **30** credits must be taken at Colorado State University.
5. Minimum of 2.0 GPA. *Note: a C- average does not meet this requirement.*
6. Complete the Department's Outcome Assessment Report.

New	_____
Transfer	_____
Readmit	_____

## INDEPENDENT STUDY

**Courses considered Independent Study:** Internship BZ487 & BZ587, Seminar: BZ492, Independent Study: BZ495V & BZ594, Field Research BZ498. Supervised College Teaching: BY384V, BZ384V, BZ584V

### **Requirements for participation in Independent Study**

- Cumulative GPA: 2.5    GPA in major: 3.0
- Junior standing or higher.
- For more than 3 credits, per semester, student must have approval of Curriculum Committee.

## CORE REQUIREMENTS

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

### CORE REQUIREMENTS

(\*Waived if 25 credits or more are transferred)

\*First Year Seminar (2) \_\_\_\_\_

LSCC102 Attributes of Living Systems (4) \_\_\_\_\_

LS103 Biology of Organisms (4) \_\_\_\_\_

--OR--

\*First Year Seminar (2) \_\_\_\_\_

BZCC110 Principles of Animal Bio (3) \_\_\_\_\_

BZCC111 Principles of Animal Lab (1) \_\_\_\_\_

BZCC120 Principles of Plant Biology (4) \_\_\_\_\_

BY310 Cell Biology (4) \_\_\_\_\_

BY311 Developmental Biology (4) \_\_\_\_\_

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

### ECOLOGY: SELECT 1 COURSE FROM THE FOLLOWING:

BY320 Ecology (3) \_\_\_\_\_

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

### GENETICS:

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

In addition to the above, 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

CCC111(4) \_\_\_\_\_ CCC112(1) \_\_\_\_\_ C113(3) \_\_\_\_\_ C114(1) \_\_\_\_\_

#### ORGANIC CHEMISTRY

C245 (4) \_\_\_\_\_ C246 (1) \_\_\_\_\_

-OR-

C341 (3) \_\_\_\_\_ C343 (3) \_\_\_\_\_ C344 (2) \_\_\_\_\_

#### BIOCHEMISTRY

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

-OR-

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

#### PHYSICS

PHCC121 (5) \_\_\_\_\_ PHCC122 (5) \_\_\_\_\_

-OR-

PHCC141 (5) \_\_\_\_\_ PHCC142 (5) \_\_\_\_\_

### ALL UNIVERSITY CORE CURRICULUM (AUCC)

English Comp: COCC150 (3) *Category 2A* \_\_\_\_\_

Communication (3) *Category 2B* \_\_\_\_\_

Mathematics: *Category 2C*

MCC155 (4) \_\_\_\_\_ -OR- MCC160 (4) \_\_\_\_\_

Quantitative and/or Logical Thinking: *Category 2D*

STCC301 (3) \_\_\_\_\_ OR STCC307 (3) \_\_\_\_\_

OR EHCC307 (3) \_\_\_\_\_

Foreign/2<sup>nd</sup> Language CAPS *Category 2E* waived for all students

Arts/Humanities (3) *Category 3B* \_\_\_\_\_

\*Social/Behavioral (3) *Category 3C* \_\_\_\_\_

\*Historical Perspectives (3) *Category 3D* \_\_\_\_\_

Global & Cultural Awareness (3) *Category 3E* \_\_\_\_\_

\*U.S. Public Values & Inst. (3) *Category 3F* \_\_\_\_\_

Health & Wellness (2) *Category 3G* \_\_\_\_\_

*\*Note: For category 3C, 3D & 3F – a minimum of 6 credits is to be taken in these 3 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 and above. **30 credits** must be taken at Colorado State University

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


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Revised: 5/09/02

**ATTENTION: University Requirements: Majors must take elective courses to fulfill the 120 credits.**

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

**Please Note!!**

**Courses numbered 384 - Supervised College Teaching, 487 & 587 – Internship, 492 - Seminars and 495 - Independent Study, 498 Field Research, CANNOT be used for selected or additional fields. They will be used toward upper division credits. However, a waiver/substitution form may be submitted to the department’s Curriculum Committee to waive this restriction.**