BIOLOGICAL SCIENCE
SUMMER 2000
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.

INDEPENDENT STUDY

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)
BY220 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 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/2nd 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.

______ ________
______ ________
______ ________
______ ________

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

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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.