

BOTANY

NAME: _____

FA99 – USP or ASCC

Entering Major (Semester): _____

GRADUATION REQUIREMENTS

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

New	_____
Transfer	_____
Readmit	_____

INDEPENDENT STUDY

Course considered Independent Study:

Internship: BZ487 & BZ587V, 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
- Junior standing or higher
- For more than 3 credits, per semester, student must have approval of the Curriculum Committee.

CORE REQUIREMENTS

The following is only for new freshman from Fall 1998 forward. It does not apply to on-going, transfer or readmit students. You graduate with whatever program you started with.

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-

BZ110 Principles of Animal Biology (3) _____

BZ111 Principles of Animal Lab (1) _____

BZ120 Principles of Plant Biology (4) _____

BZ325 Plant Systematics (4) _____

BZ331 Plant Anatomy (4) _____

BZ440 Plant Physiology (3) _____

BZ441 Plant Physiology Lab (2) _____

BZ450 Plant Ecology (4) _____

MINIMUM OF 2 COURSES

BZ332 Introductory Phycology (4) _____

BZ333 Introductory Mycology (4) _____

BZ338 Comp. Morph. of Vascular Plants (4) _____

ONE GENETICS COURSE

SC330 Principles of Genetics (3) _____ - OR -

BZ350 Molecular & General Genetics (4) _____

SELECT 2 FROM THE FOLLOWING

SC240 Introductory Soil Science (4) _____

ER130 Geologic Environ. and Society (3) _____

GR210 Physical Geography (3) _____

AT 350 Intro. to Weather and Climate (2) _____

PHYSICAL SCIENCES

CHEMISTRY

C111 (4) _____ C112 (1) _____ C113 (3) _____ C114 (1) _____

ORGANIC CHEMISTRY

C245 (4) _____ C246 (1) _____ -OR-

C341 (3) _____ C343 (3) _____ C344 (2) _____

BIOCHEMISTRY

BC351 (4) _____ -OR-

BC401 (3) _____ BC 403 (3) _____

PHYSICS

PH 121 (5) _____ PH 122 (5) _____

-OR-

PH 141 (5) _____ PH 142 (5) _____

UNIVERSITY STUDIES PROGRAM AND ARTS AND SCIENCES CORE CURRICULUM (ASCC) REQUIREMENTS

Freshmen entering Botany in Fall 1998 are responsible for completing the USP or ASCC requirements.

I. SKILLS: 12-15 Credits Required

A. English Comp: CO150 _____ (3)

B. Mathematics:

M155 (4) _____ OR M160 (4) _____

C. Quantitative and/or Logical Thinking:

ST301 (3) _____ OR ST307 (3) _____ OR
EH307 (3) _____

D. Communication: _____

CO301A-C (3), JT200 (3), JT300 (3),
L107(C,I,J,R) or above (5), L200(F,G,S) or above,
(3-5), SP200 (3) _____ ()

II. FOUNDATIONS AND PERSPECTIVES

UPPER DIVISION COURSES

24-26 Credits Required

- A. Natural Sciences: This requirement is fulfilled by chemistry and Physics
- B. The Arts: (3 crs.) Select one course:
AR100, D110, MU100, TH141 _____ ()
- C. Humanities: (3 crs.) Select one course:
AU201, E140, E232, E242, E270, L250, PL100, PL105, SP100 _____ ()
- D. History: (3 crs.) Select one course:
HY 101, HY151, HY171 _____ ()
- E. Social Sciences: (3 crs.) Select one course:
AP100, AP140, EA102, EC100, EC102, JT100, PO241, PY100, S100, S105 _____ ()
- F. Diversities: (3 crs.) Select one course:
AP200, EC211, ET200, LB170, LB171, MU231, PL106, PL171, PL172, PL251, S205, SP105, WS200 _____ ()
- G. Integrative Learning:
LSCC102 and LS103 **OR** BZ110/111 and BZ120
_____ () _____ ()

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

Disk: Checksheets/Botany
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Physical Education/Wellness: (2 credits). Select from the USP List (see Course Schedule).
_____ () _____ ()

Cross-Cultural Awareness Fulfilled by History Course.
_____ ()