Organismal Biology Option

Freshman Year Credits
Fall Spring
BIOB 170IN - Principles of Biological Diversity 4 4
CHMY 141 - College Chemistry I (Completed Level 3 math pre-requisite) 4
COMX 111US - Introduction to Public Speaking (take one in opposite semester from WRIT 101) or CLS 101US - Knowledge and Community 3
University Core, Electives, or Math pre-reqs 3-4
Year Total: 14-15 14-15

Sophomore Year Credits
Fall Spring
PHSX 205 - College Physics I 4 4
STAT 216Q - Introduction to Statistics 3 3
CHMY 211 - Elements of Organic Chemistry 5 5
University Core and Electives 3 3-6
STAT 217Q - Intermediate Statistical Concepts 3
BCH 380 - Biochemistry 5
M 161Q - Survey of Calculus 4
University Core and Electives 3 3
Year Total: 15-18 15 15-18

Junior Year Credits
Fall Spring
BIOB 375 - General Genetics 3 3
University Core and Electives 3 9-12
BIOE 370 - General Ecology (equiv to 270) 3
BIOB 420 - Evolution 3
Physiology Course Choice 2 3
University Core and Electives 3 6-9
Year Total: 12-15 15-18

Senior Year Credits
Fall Spring
University Core and Electives 3 15 15
BIOE 499 - Senior Thesis/Capstone 2
University Core and Electives 3 12-15
Year Total: 15 14-17

Total Program Credits: 120

1 Students are told at Orientation in which semester to take WRIT 101W based on first letter of student's last name. Students should take Communications course in the opposite semester.

2 Choice: BIOO 412 Animal Phys, OR BIOO 433 Plant Phys, OR BIOB 425 Adv Cell & Molec Biol. May take in fall or spring semester, depending on course availability.

3 Additional Required Biology Electives

A minimum of 20 credits of Biology electives also must be completed from courses in ANSC, BIOB, BIOE, BIOH, BIOO, NRSM, WILD, BCH (UD only), IMID (UD only), BIOM (except BIOM 497). At least 16 of these credits must be in upper division courses numbered 300 and above. Credits must be for regularly scheduled courses, except that up to 4 total credits of undergraduate research in Biology (BIOE 490R, BIOE 492) and up to 2 credits of Biology Teaching (BIOB 497) may be included. Up to 6 credits of certain courses in basic biological sciences from departments other than these may be included, with the prior approval of the advisor and Organismal Biology Certifying Officer before the course is taken.

University requirements for graduation also must be completed, including university core requirements and a minimum of 120 total credits of which at least 42 credits must be in courses numbered 300 and above. Depending on courses selected, the curriculum includes 35 to 40 credits numbered 300 and above, so additional courses must be selected.

*Pre Med students

• should take Cellular and Molecular Biology (BIOB 260) instead of Principles of Living Systems (BIOB 160) to meet the prerequisites for BIOH electives
• should take Organic Chemistry I & II (CHMY 321 and 323) instead of Elements of Organic Chemistry (CHMY 211)

Requirements for Admission to Upper Division Courses in Biology

For admission to upper division (numbered 300 or higher) Biology (BIOB, BIOE, BIOO) and Fish and Wildlife Management (WILD) courses, students must have completed at least 45 total university credits with a cumulative GPA of at least 2.5 for all courses and have also earned a C- or better for any prerequisite courses. Limited exceptions may be made by consent of instructor. Any student who obtains enrollment in an upper division biology course without satisfying these requirements will be required to withdraw from the course. Specific courses may have additional prerequisites.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.