

REQUIREMENTS FOR THE MINOR IN BIOLOGY

Total credit hours: 20-24

Students who are majoring in Biology may not declare a Minor in Biology. Elective credit hours used towards the BIOL minor must be in courses not being counted towards a student's major. A grade of "C" or better is required in all courses. At least 25% of credit hours for the BIOL minor must be earned in upper division courses.

REQUIRED COURSES (11-12 credit hours)

LIFE 1010 General Biology (4)

Select two (2) of the following courses:

LIFE 2021 Microbiology (4)

LIFE 2023 Biology of Plants and Fungi (4)

LIFE 3050 Genetics (4)

LIFE 3400 General Ecology (3)

MICR/MOLB 2022 Animal Biology (4)

ELECTIVE COURSES (9-12 credits)

Select one course from each of three of the following subject areas. One of the three courses must have a laboratory component. In addition, one course must have a ZOO prefix, and one must have a BOT prefix.

MOLECULAR/GENETICS/CELL BIOLOGY

LIFE 3050 Genetics (4)*

LIFE 3600 Cell Biology (3)

ZOO 4425 Genetic Markers (3)

**If LIFE 3050 was selected in the 'Required Courses' category, it may not be used as an elective course.*

MORPHOLOGY/PHYSIOLOGY

BOT 3200 Plant Anatomy (3)

BOT 4300 Mycology (4)

BOT 4390 Fungal Physiology & Ecology (3)

BOT 4400 Plant Physiology (4)

ZOO 4280 Introduction to Neuroscience (3)

ZOO 4330 Ichthyology (3)

ZOO 4350 Ornithology (3)

ZOO 4370 Mammalogy (3)

ZOO 4540 Invertebrate Zoology (4)

ZOO 4380 Herpetology (3)

EVOLUTION

BOT 4680 Taxonomy of Vascular Plants (4)

LIFE 3500 Evolutionary Biology (3)

ZOO 3600 Principles of Animal Behavior (3)

ECOLOGY

LIFE 3400 General Ecology (3)*

BOT 4700 Vegetation Ecology (4)

BOT 4730 Plant Physiological Ecology (4)

BOT 4745 Terrestrial Ecosystem Ecology (4)

ZOO 4440 Limnology (3)

ZOO 4400 Population Ecology (3)

**If LIFE 3400 was selected in the 'Required Courses' category, it may not be used as an elective course.*

Credit in other courses with different prefixes in the biological sciences area may be applied to the minor in Biology at the discretion of a student's minor advisor.