



Catalog year: 2020

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J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES

MAJOR REQUIREMENTS for a BACHELOR OF ARTS in BIOLOGY

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

Department of Biology
601 SCEN
479-575-3251
biology.uark.edu

CHEMISTRY (3-4 courses • 12-16 hours)

- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II

- CHEM 3603/3601L Organic Chemistry I
- CHEM 3613/3611L Organic Chemistry II
- or
- CHEM 2613/2611L Organic Physiological Chemistry

MATHEMATICS (1 course • 3-4 hours)

- MATH 2043 Survey of Calculus
- or
- MATH 2554 Calculus I

PHYSICS (2 courses • 8 hours)

- PHYS 2013/2011L College Physics I*
 - PHYS 2033/2031L College Physics II
- * (MATH 1203 & 1213), MATH 1284C, or MATH 2554 is the pre-requisite for PHYS 2013/2011L

STATISTICS (1 course • 3-4 hours)

- STAT 2823 Biostatistics (Spring Only)
- STAT 2303 Principles of Statistics
- STAT 4003/4001L Statistical Methods
- MATH 2183 Mathematical Reasoning

PHILOSOPHY (1 course • 3 hours)

- PHIL 2103 Intro to Ethics
- PHIL 2203 Logic
- PHIL 3113 Environmental Ethics
- PHIL 4213 Philosophy of Science

BIOLOGY FOUNDATION (1 course • 4 hours)

- BIOL 1584 Biology for Majors

BIOLOGY CORE (4 courses + 1 lab • 13 hours) **

- BIOL 2533 Cell Biology
- BIOL 2323 General Genetics
- BIOL 3863 General Ecology
- A lab from one of the three BIOL courses above
- BIOL 3023 Evolutionary Biology

BIOLOGY ELECTIVES numbered 3000 or higher (3 courses • 9 hours) **

- BIOL _____
- BIOL _____
- BIOL _____

BIOLOGY ELECTIVES numbered 2000 or higher with a lab (1 course • 4 hours) **

- BIOL _____

**** Students must complete a minimum of 20 hours from these areas, or complete an additional four hours of BIOL 3000+ level coursework.**

BIOLOGY WRITING REQUIREMENT

- Satisfied by either a term paper (with a grade of B or better) in a BIOL course numbered 3000 or higher, by completion of BIOL 498V Senior Thesis supervised by a biology faculty member, or by an honors thesis.