

J. William Fulbright College of Arts and Sciences
UNIVERSITY CORE REQUIREMENTS
 MINIMUM CREDIT HOURS REQUIRED TO GRADUATE = 120
 CORE + MAJOR + GENERAL ELECTIVES

Fulbright College Advising Center | CHPN 322 | (479)575-3307 | fulbrightadvising.uark.edu | fcacfy@uark.edu

MATHEMATICS (1 course – 3-5 hours)

- MATH 1203 College Algebra
- MATH 1313 Quantitative Reasoning
- Any higher level Math course (including STAT 2303)

NATURAL SCIENCES (2 courses w/matching labs – 8 hours)

- ANTH 1013/1011L Intro to Biological Anthropology
- ASTR 2003/2001L Survey of the Universe
- BIOL 1524 Biological Principles
- BIOL 1543/1541L Principles of Biology
- BIOL 1584 Biology for Majors
- BIOL 1603/1601L Principles of Zoology
- BIOL 1613/1611L Plant Biology
- BIOL 2213/2211L Human Physiology
- BIOL 2443/2441L Human Anatomy
- CHEM 1053/1051L Chemistry in the Modern World
- CHEM 1073/1071L Fundamentals of Chemistry
- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II
- CHEM 1213/1211L Chemistry for Majors I
- CHEM 1223/1221L Chemistry for Majors II
- ENSC/BIOL 1003/1001L Environmental Science
- ENTO 1023/1021L Insects, Science, & Society
- GEOS 1113/1111L General Geology
- GEOS 1133/1131L Earth Science
- PHYS 1023/1021L Physics & Human Affairs
- PHYS 1034 Physics for Elementary Ed Majors
- PHYS 1044 Physics for Architects I
- PHYS 1054 Physics for Architects II
- PHYS 2013/2011L College Physics I
- PHYS 2033/2031L College Physics II
- PHYS 2054 University Physics I
- PHYS 2074 University Physics II

FINE ARTS (1 course – 3 hours)

- ARCH 1003 Architecture Lecture
- ARHS 1003 Art Lecture
- COMM 1003 Film Lecture
- DANC 1003 Movement and Dance
- ENGL 2023 Creative Writing I
- HUMN 2114H* Honors Birth of Modern Culture 1600-1900
- LARC 1003 The American Landscape
- MLIT 1003 Experiencing Music
- MLIT 1013 Music and Society
- MLIT 1333 Popular Music
- THTR 1003 Theatre Appreciation
- THTR 1013 Musical Theatre Appreciation
- THTR 1223 Introduction to Theatre

SOCIAL SCIENCES (3 courses from at least 2 fields – 9 hours)

- AGECE 1103 Principles of Agriculture Microeconomics
- AGECE 2103 Principles of Agriculture Macroeconomics
- ANTH 1023 Intro to Cultural Anthropology
- COMM 1023 Communication in a Diverse World
- ECON 2013 Principles of Macroeconomics
- ECON 2023 Principles of Microeconomics
- ECON 2143 Basic Economics: Theory and Practice
- GEOS 1123 Human Geography
- GEOS 2003 World Regional Geography
- HDFS 1403 Life Span Development
- HDFS 2413 Family Relations
- HDFS 2603 Rural Families & Communities
- HIST 1113 Institutions and Ideas of World Civilizations I
- HIST 1123 Institutions and Ideas of World Civilizations II
- HIST 2003 History of the American People to 1877
- HIST 2013 History of the American People 1877 to Present
- HUMN 1114H* Honors Roots of Culture to 500 C.E.
- HUMN 2114H* Honors Birth of Modern Culture, 1600-1900
- PLSC 2003 American National Government
- PLSC 2013 Intro to Comparative Politics
- PLSC 2203 State and Local Government
- PSYC 2003 General Psychology
- RESM 2853 Leisure and Society
- SOCI 2013 General Sociology
- SOCI 2033 Social Problems

 UNIV 1001 University Perspectives

(Freshmen must complete during first year)

ENGLISH COMPOSITION (2 courses – 6 hours)

- ENGL 1013 Composition I
- ENGL 1023 Composition II

U.S. HISTORY & GOVERNMENT (1 course – 3 hours)

- HIST 2003 History of the American People to 1877
- HIST 2013 History of the American People 1877 to Present
- PLSC 2003 American National Government

Note: U.S. History & Government courses cannot be used more than once within the University Core.

HUMANITIES (1 course – 3 hours)

- AAST 2023 The African American Experience
- ARCH 1013 Diversity and Design
- CLST 1003 Intro to Classical Studies: Greece
- CLST 1013 Intro to Classical Studies: Rome
- COMM 1233 Media, Community, and Citizenship
- ENGL 1213 Intro to Literature
- GNST 2003 Intro to Gender Studies
- HUMN 1124H* Honors Eq. of Cultures, 500-1600
- HUMN 2124H* Honors 20th Century Global Culture
- MRST 2013 Intro to Medieval & Renaissance Studies
- MUSY 2003 Music in World Cultures
- PHIL 2003 Intro to Philosophy
- PHIL 2103 Intro to Ethics
- PHIL 2203 Logic
- PHIL 3103 Ethics and the Professions
- WLIT 1113 World Literature I
- WLIT 1123 World Literature II
- World Language at the Intermediate I (2003) level

* Honors students only.

Please visit catalog.uark.edu for an extensive list of graduation and prerequisite requirements.



Catalog year: 2018

Fulbright College Advising Center
CHPN 322
479.575.3307
fulbrightadvising.uark.edu

J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES

MAJOR REQUIREMENTS for a BACHELOR OF SCIENCE 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 (5 courses • 19 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
- CHEM 3813 Intro to Biochemistry

MATHEMATICS (1 course • 4 hours)

- MATH 2554 Calculus I

Note: *MATH 2564 Calculus II is recommended.*

PHYSICS (2 courses • 8 hours)

- PHYS 2013/2011L College Physics I***
- PHYS 2033/2031L College Physics II or
- PHYS 2054 University Physics I
- PHYS 2074 University 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 2023 Biostatistics (Spring Only)
- STAT 2303 Principles of Statistics
- STAT 4003/4001L Statistical Methods

PHILOSOPHY (1 course • 3 hours)

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

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 completing an honors thesis.

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
- ** See catalog of studies for pre-requisite information.**

BIOLOGY ELECTIVES (23 hours minimum) *

- BIOL 1603/1601L Principles of Zoology
- BIOL 1613/1611L Plant Biology

***Note:** No more than 4 hours from above may apply

Select **two** lab courses numbered 2000 or higher. This includes additional BIOLOGY CORE labs, special topics/research courses with a lab, and other BIOL courses numbered 3000 or higher with a lab.

- BIOL _____
- BIOL _____

BIOL courses numbered 3000 or higher (**6 hours minimum**)

- BIOL _____
- BIOL _____

BIOL courses numbered 4000 or higher (**12 hours minimum**)

- BIOL _____
- BIOL _____

- BIOL _____
- BIOL _____

Note: The following courses cannot be used in the BIOLOGY ELECTIVES section: BIOL 2013/2011L General Microbiology, BIOL 2213/2211L Human Physiology, and BIOL 2443/2441L Human Anatomy. However, BIOL related electives that are not taught by the Department of Biological Sciences must be approved using the "Exception Request for major or minor requirements" form.