J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES  
UNIVERSITY CORE REQUIREMENTS  
MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

**MATHEMATICS (1 course • 3-4 hours)**
- MATH 1201 College Algebra, MATH 1204 College Algebra with Review, MATH 1315 Quantitative Reasoning, or any higher level math course, including STAT 2303.

**NATURAL SCIENCES (2 courses w/matching labs • 8 hours)**
- ANTH 1013/101L Intro to Biological Anthropology
- ASTR 2003/2001L Survey of the Universe
- BIOL 1524 Biological Principles
- BIOL 1584 General Biology I
- BIOL 1603/1601L Principles of Zoology
- BIOL 1613/1611L Plant Biology
- BIOL 2213/2211L Human Physiology
- CHEM 1053/1051L Chemistry in the Modern World
- CHEM 1073/1071L Fundamentals of Chemistry
- CHEM 2103/2101L University Chemistry I
- CHEM 2123/2121L University Chemistry II
- CHEM 2113/2111L University Chemistry for Engineers I
- CHEM 2133/2131L University Chemistry for Engineers II
- CHEM 2123/2121L Chemistry for Majors I
- CHEM 2123/2121L Chemistry for Majors II
- ENSC 1003/1001L Environmental Science
- ENTO 1023/1021L Insects, Science, and Society
- GEOG 1113/1111L General Geology
- GEOG 1133/1131L Environmental Geology
- PHYS 1023/1021L Physics and 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 1023 Creative Writing I
- LARC 1003 The American Landscape
- MLIT 1003 Music Lecture
- MLIT 1013 Music Lecture for Music Majors
- THTR 1003 Theatre Appreciation
- THTR 1013 Musical Theatre Appreciation

**SOCIAL SCIENCES (3 courses from at least 2 fields • 9 hours)**
- AGEC 1103 Principles of Agricultural Microeconomics
- AGEC 2103 Principles of Agricultural 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
- GEOG 1123 Human Geography
- GEOG 2003 World Regional Geography
- HESC 1403 Life Span Development
- HESC 2413 Family Relations
- HESC 2603 Rural Sociology
- 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 2103 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
- SOCI 2203 State and Local Government
- PSYC 1003 General Psychology
- RESM 2853 Leisure and Society
- SOCI 2013 General Sociology
- SOCI 2033 Social Problems

**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 2103 History of the American People 1877 to Present
- PLSC 2003 American National Government

**HUMANITIES (1 course • 3 hours)**
- AAST 2023 The African American Experience
- ARCH 1013 Diversity and Design
- CLST 1003 Intro to Classical Studies: Greece
- CLST 2013 Intro to Classical Studies: Rome
- COMM 1223 Media, Community, and Citizenship
- ENGL 1213 Intro to Literature
- GNST 2003 Intro to Gender Studies
- HUMN 1124H* Honors Eq. of Cultures, 500-1500
- HUMN 2124H* Honors 20th Century Global Culture
- 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 Intermediate I (2003) level

Please visit catalog.uark.edu for an extensive list of graduation and prerequisite requirements.
## Major Requirements for a Bachelor of Arts in Biology

**Minimum Degree Credit Hours Required to Graduate:** 120 (Core + Major + General Electives)

### 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
- CHEM 2613/2611L Organic Physiological Chemistry

### Mathematics (1 course • 3-4 hours)
- MATH 2043 Survey of Calculus
- MATH 2554 Calculus I

### Statistics (1 course • 3-4 hours)
- STAT 2023 Biostatistics
- STAT 2303 Principles of Statistics
- STAT 4003/4001L Statistical Methods
- MATH 2183 Mathematical Reasoning

### Physics (2 courses • 8 hours)
- PHYS 2013/2011L College Physics I
- PHYS 2033/2031L College Physics II

### 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
  **Note:** A student who, after completing BIOL 1543/1541L Principles of Biology/Lab with a grade of “B” or better in both courses, wishes to substitute BIOL 1543/1541L for the required BIOL 1584 may petition the Department of Biological Sciences to do so. These petitions will be considered on a case by case basis for approval.

### 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 BIOL 3000+ level course.**

### Biology Writing Requirement
- Satisfied by either a term paper 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.