



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

**J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES**  
**COLLEGE SCHOLARS CORE REQUIREMENTS FOR A BACHELOR OF SCIENCE**

Minimum degree credit hours required to graduate = 120 (Core + Major + General Electives)

Fulbright College Honors Program  
517 MAIN  
479.575.2509  
fulbrighthonors.uark.edu

### Option 1

#### NATURAL SCIENCES & MATHEMATICS

(20 hours minimum, including at least one MATH course)

- Honors hours must come from at least two groups  
- Minimum honors hours: 16

##### Physics & Astronomy

- ASTR 2003/2001L **or** 2003H/2001M Survey of the Universe
- PHYS 2054 **or** 2054H University Physics I
- PHYS 2074 **or** 2074H University Physics II

##### Biology & Anthropology

- ANTH 1013/1011L **or** 1013H/1011M Biol. Anthropology
- BIOL 1543/1541L **or** 1543H/1541M Principles of Biology
- BIOL 1584 Biology for Majors
- BIOL 1603/1601L **or** 1603H/1601M Principles of Zoology
- BIOL 1613/1611L **or** 1613H/1611M Plant Biology
- BIOL 2013/2011L **or** 2013H/2011M General Microbiology

##### Chemistry

- CHEM 1103/1101L University Chemistry I\*
- CHEM 1123/1121L **or** 1123H/1121M University Chemistry II
- CHEM 1203/1201L Chemistry for Majors I\*
- CHEM 1223/1221L Chemistry for Majors II\*
- CHEM 3603/3601L **or** CHEM 3603H/3602M Organic Chem. I
- CHEM 3613/3611L **or** CHEM 3613H/3612M Organic Chem. II
- CHEM 3703/3702L Organic Chemistry for Majors I\*
- CHEM 3713/3712L Organic Chemistry for Majors II\*
- PHYS 1023/1021L **or** 1023H/1021M Physics & Human Affairs

##### Geology

- GEOS 1113/1111L **or** 1113H/1111M General Geology
- GEOS 1133/1131L Earth Science

##### Mathematics

- MATH 2554C **or** 2554H Calculus I
- MATH 2564C **or** 2564H Calculus II
- MATH 2574C **or** 2574H Calculus III

#### HUMANITIES & SOCIAL SCIENCES

(6 courses • 18 hours)

- Minimum honors hours: 9

##### Social Sciences (1 course • 3 hours)

- ANTH 1023 **or** 1023H Intro to Cultural Anthropology
- COMM 1023 **or** 1023H Communication in a Diverse World
- ECON 2013 **or** 2013H Principles of Macroeconomics
- ECON 2023 **or** 2023H Principles of Microeconomics
- ECON 2143 **or** 2143H Basic Economics
- GEOS 2003 **or** 2003H World Regional Geography
- PSYC 2003 **or** 2003H General Psychology
- SOCI 2013 **or** 2013H General Sociology

##### World Civilization (2 courses • 6 hours)

- HIST 1113 **or** 1113H Inst. and Ideas of World Civ. I
- HIST 1123 **or** 1123H Inst. and Ideas of World Civ. II

**Fine Arts & Humanities (3 courses – 9 hours)** Select one course from Fine Arts & Humanities sections, then select a third course from either section.

##### Fine Arts (select one)

- ARCH 1003 **or** 1003H Architecture Lecture
- ARHS 1003 **or** 1003H Art Lecture
- COMM 1003 **or** 1003H Film Lecture
- DANC 1003 **or** 1003H Movement and Dance
- ENGL 2023 Creative Writing I
- MLIT 1003 **or** 1003H Experiencing Music
- MLIT 1013 **or** 1013H Music & Society (Music Majors Only)
- MLIT 1333 Popular Music
- THTR 1003 **or** 1003H Theatre Appreciation
- THTR 1013 Musical Theatre Appreciation

##### Humanities (select one)

- AAST 2023 The African American Experience
- CLST 1003 **or** 1003H Intro to Classical Studies: Greece
- CLST 1013 **or** 1013H Intro to Classical Studies: Rome
- GNST 2003 **or** 2003H Intro to Gender Studies
- COMM 1233 **or** 1233H Media, Community, & Citizenship
- MUSY 2003 **or** 2003H Music in World Cultures
- PHIL 2003 **or** 2003H Intro to Philosophy
- WLIT 1113 **or** 1113H World Literature I
- WLIT 1123 **or** 1123H World Literature II
- Any other 2000+ WLIT or World Language literature course

#### COLLOQUIA & OTHER REQUIREMENTS

(hours vary based on exemptions & language placement)

- UNIV 1001H:** University Perspectives  
(Or equivalent course from another University of Arkansas College)

##### English Composition (2 courses • 6 hours)

- ENGL 1013 Composition I
- ENGL 1023 Composition II

##### U.S. History or Government (1 course • 3 hours)

- HIST 2003 History of the American People to 1877
- HIST 2013 History of the American People 1877 to Pres.
- PLSC 2003 **or** 2003H American Nat'l Government

##### World language through the Intermediate I (2003) level or higher (hours vary)

- \_\_\_\_\_ (2003)

##### Honors Colloquia (3 courses • 9 hours)

One from each approved area. No more than three (3) hours of required colloquia may be earned either abroad or in an intersession. An approved list of Honors Colloquia can be found on the Fulbright Honors website.

- Humanities
- Social Science
- Natural Science **or** Mathematics

\* Students who complete University Chemistry I followed by Honors University Chemistry II will receive eight hours of honors science credit. Chemistry I & II for Majors, Organic Chemistry I & II for Majors, and BIOL 1584 also count as honors science credit.



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**Option 2**

**NATURAL SCIENCES & MATHEMATICS**

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**Physics & Astronomy**

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- PHYS 2054 **or** 2054H University Physics I
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**Biology & Anthropology**

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- BIOL 1584 Biology for Majors\*
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**Geology**

- GEOS 1113/1111L **or** 1113H/1111M General Geology
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**Mathematics**

- MATH 2554C **or** 2554H Calculus I
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**HUMANITIES & SOCIAL SCIENCES**

(5 courses • 18 hours)  
 - Minimum honors hours: 9

**Social Sciences (1 course • 3 hours)**

- ANTH 1023 **or** 1023H Intro to Cultural Anthropology
- COMM 1023 **or** 1023H Communication in a Diverse World
- ECON 2013 **or** 2013H Principles of Macroeconomics
- ECON 2023 **or** 2023H Principles of Microeconomics
- ECON 2143 **or** 2143H Basic Economics
- GEOS 2003 **or** 2003H World Regional Geography
- PSYC 2003 **or** 2003H General Psychology
- SOCI 2013 **or** 2013H General Sociology

**Humanities (3 courses – 12 hours)**

- HUMN 1114H Roots of Culture to 500 C.E.
- HUMN 1124H Equilibrium of Cultures, 500-1600
- HUMN 2114H Birth of Modern Culture, 1600 - 1900

**Fine Arts (1 course – 3 hours)**

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- ARHS 1003 **or** 1003H Art Lecture
- COMM 1003 **or** 1003H Film Lecture
- DANC 1003 **or** 1003H Movement and Dance
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**COLLOQUIA & OTHER REQUIREMENTS**

(hours vary based on exemptions & language placement)

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 (Or equivalent course from another University of Arkansas college)

**English Composition (2 courses • 6 hours)**

- ENGL 1013 Composition I
- ENGL 1023 Composition II

**U.S. History or Government (1 course • 3 hours)**

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**World language through the Intermediate I (2003) level or higher (hours vary)**

- \_\_\_\_\_ (2003)

**Honors Colloquia (3 courses • 9 hours)**

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Catalog year: 2019

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**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](http://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 courses numbered 4000 or higher (**12 hours minimum**)

- BIOL \_\_\_\_\_  BIOL \_\_\_\_\_
- BIOL \_\_\_\_\_  BIOL \_\_\_\_\_

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

- BIOL \_\_\_\_\_  BIOL \_\_\_\_\_
- BIOL \_\_\_\_\_  BIOL \_\_\_\_\_

\* 4 hours can be completed by one of the following:  
BIOL 1603/1601L Principles of Zoology  
BIOL 1613/1611L Plant Biology

The above hours need to include two labs at the 2000 level or higher.

- BIOL 2000+ lab \_\_\_\_\_  BIOL 2000+ lab \_\_\_\_\_

**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.*