



**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)

**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 1003/1001L Environmental Science  
**OR** ENSC 1003(H)/1001L (M) Environmental Science
- 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 Chemistry I
- CHEM 3613/3611L **or** CHEM 3613H/3612M Organic Chemistry 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 Environmental Geology

**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 courses • 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
- MLIT 1333 Popular Music
- THTR 1003 **or** 1003H Theatre Appreciation
- THTR 1013 Musical Theatre Appreciation
- THTR 1223 Introduction to Theatre\*\*

**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
- 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 (freshmen must complete during first year)

**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.

- 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.

\*\* Students who complete THTR 1223, Introduction to Theatre, will receive 3 hours of honors credit.



Fulbright College Advising Center  
 CHPN 322  
 479.575.3307  
[fulbrightadvising.uark.edu](http://fulbrightadvising.uark.edu)

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

Fulbright College Honors Program  
 517 MAIN  
 479.575.2509  
[fulbrighthonors.uark.edu](http://fulbrighthonors.uark.edu)

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

### Option 2

#### 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 1003/1001L Environmental Science  
**OR** ENSC 1003(H)/1001L (M) Environmental Science
- BIOL 1543/1541L **or** 1543/1541M Principles of Biology
- BIOL 1584 Biology for Majors\*
- BIOL 1603/1601L **or** 1603/1601M Principles of Zoology
- BIOL 1613/1611L **or** 1613/1611M Plant Biology
- BIOL 2013/2011L **or** 2013/2011M 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 Chemistry I
- CHEM 3613/3611L **or** CHEM 3613H/3612M Organic Chemistry 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 Environmental Geology

##### Mathematics

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

#### HUMANITIES & SOCIAL SCIENCES

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

##### Social Sciences (1 courses • 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)

- 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
- MLIT 1333 Popular Music
- THTR 1003 **or** 1003H Theatre Appreciation
- THTR 1013 Musical Theatre Appreciation
- THTR 1223 Introduction to Theatre\*\*

#### COLLOQUIA & OTHER REQUIREMENTS

*(hours vary based on exemptions & language placement)*

- UNIV 1001H:** 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 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.*

- 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.*

*\*\* Students who complete THTR 1223, Introduction to Theatre, will receive three hours of honors credit.*



Catalog year: 2018

Fulbright College Advising Center  
CHPN 322  
479.575.3307  
[fulbrightadvising.uark.edu](http://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](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 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.