NATURAL SCIENCES & MATHEMATICS
(4 courses • 15-16 hours)
- Choose at least one course from each group below
- Minimum honors hours: 8

Biological Sciences
- ANTH 1013/1011L or 1013H/1011M Biology 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

Physical Sciences
- CHEM 1103/1101L University Chemistry I*
- CHEM 1123/1121L or 1123H/1121M University Chemistry II*
- CHEM 1213/1211L Chemistry for Majors I*
- CHEM 1223/1221L Chemistry for Majors II*
- GEOS 1113/1111L or 1113H/1111M General Geology
- GEOS 1133/1131L Environmental Geology
- PHYS 1023/1021L or 1023H/1021M Physics & Human Affairs
- PHYS 2054 or 2054H University Physics I
- PHYS 2074 or 2074H University Physics II

Mathematics
- MATH 2033 Mathematical Thought
- MATH 2043C Survey of Calculus
- MATH 2053C Finite Mathematics
- MATH 2183 Mathematical Reasoning
- MATH 2554C or 2554H Calculus I
- MATH 2564C or 2564H Calculus II
- MATH 2574C or 2574H Calculus III
- Principles of Statistics

HUMANITIES & SOCIAL SCIENCES
(9 courses • 27 hours)
- Minimum honors hours: 15

Social Sciences (2 courses • 6 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
- SOC 2013 or 2013H General Sociology

Philosophy (1 course • 3 hours)
- PHIL 2003 or 2003H Intro to Philosophy

Fine Arts (2 courses • 6 hours)
- ARCH 1003 or 1003H Architecture Lecture
- ARTS 1003 or 1003H Art Lecture
- COMM 1003 or 1003H Film Lecture
- DAN 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
- THT 1003 or 1003H Theatre Appreciation
- THT 2013 Musical Theatre Appreciation
- THT 1223 Introduction to Theatre**

World Civ./World Lit. (4 courses • 12 hours)
- HIST 1113 or 1113H Inst. and Ideas of World Civ. I
- WLLT 1113 or 1113H World Literature I
- HIST 1123 or 1123H Inst. and Ideas of World Civ. II

Select one additional Humanities course from the four below:
- 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
- WLLT 1123 or 1123H World Literature II
- Any other 2000+ WLLT 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 II (2013) level or higher (hours vary)
- __________________________ (2013)

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 will follow by Honors University Chemistry II will receive eight hours of honors science credit. Chemistry I & II for Majors and BIOL 1584 also count as honors science credit.

** Students who complete THT 1223, Introduction to Theatre, will receive three hours of honors credit.
**J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES**

**COLLEGE SCHOLARS CORE REQUIREMENTS FOR A BACHELOR OF ARTS/SOCIAL WORK**

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

**Option 2**

### NATURAL SCIENCES & MATHEMATICS

(4 courses • 15-16 hours)
- Choose at least one course from each group below
- Minimum honors hours: 8

**Biological Sciences**
- ANTH 1013/1011L or 1013H/1011M Biology
- 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

**Physical Sciences**
- CHEM 1103/1101L University Chemistry I* or CHEM 1123/1121L or 1123/1121M University Chemistry II*
- CHEM 1203/1201L or 1203/1201M Chemistry for Majors II*
- GEOS 1113/1111L or 1113/1111M General Geology
- GEOS 1133/1131L Environmental Geology
- PHYS 1023/1021L or 1023H/1021M Physics & Human Affairs
- PHYS 2054 or 2054H University Physics I
- PHYS 2074 or 2074H University Physics II

**Mathematics**
- MATH 2033 Mathematical Thought
- MATH 2043C Survey of Calculus
- MATH 2053C Finite Mathematics
- MATH 2183 Mathematical Reasoning
- MATH 2554C or 2554H Calculus I
- MATH 2564C or 2564H Calculus II
- MATH 2574C or 2574H Calculus III
- STAT 2303 Principles of Statistics

### HUMANITIES & SOCIAL SCIENCES

(8 courses • 27 hours)
- Minimum honors hours: 15

**Social Sciences (2 courses • 6 hours)**
- ANTH 1023 or 1023H Intro to Cultural Anthropology
- COMM 1023 or 1023H Comm. 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

**Philosophy (1 course • 3 hours)**
- PHIL 2003 or 2003H Intro to Philosophy

**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

**Honors Humanities Project (H2P)**
(4 courses • 15 hours)
- HUMN 114H Roots of Culture to 500 C.E.
- HUMN 1124H Equilibrium of Cultures, 500-600
- HUMN 2114H Birth of Modern Culture, 1600-1900
- Select one additional Humanities course from the four below:
  - 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
  - WLT 1123 or 1123H World Literature II
  - Any other 2000-4000W major World Language literature course

**COLOQUIA & 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 1877 to 1900
- **World language through the Intermediate II (2013) level or higher (hours vary)**
  - **WLT 1003** (8 hours)

**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 interseesion.

- **Honors 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 and BIOL 1584 also count as honors science credit.

** Students who complete THTR 1223, Introduction to Theatre, will receive three hours of honors credit.
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
  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 2023 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.