NATURAL SCIENCES & MATHEMATICS
(20 hour minimum, including at least one MATH course)
- Honors hours must come from at least two groups
- Minimum honors hours: 16

Physics & Astronomy
- PHYS 2054 or 2054H University Physics I
- PHYS 2074 or 2074H University Physics II

Biology & Anthropology
- ANTH 1013/1011L or 1013H/1011M Biological Anthropology
- BIOL 1543/1541L or 1543/1541M Principles of Biology
- 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 1213/1211L 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

Note: Students who complete University Chemistry I followed by Honors University Chemistry II will receive eight hours of honors science credit. Chemistry for Majors I & II and Organic for Majors I & II also count as honors science credit.

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
(5-6 courses • 18 hours)
- Minimum honors hours: 9

Social Sciences (1 course • 3 hours)
- ANTH 1023 or 1023H Intro to Cultural Anthropology
- ECON 2013 or 2013H Principles of Macroeconomics
- ECON 2023 or 2023H Principles of Microeconomics
- GEOG 2003 World Regional Geography
- PSYC 2003 or 2003H General Psychology
- SOCI 2013 or 2013H General Sociology

—SELECT ONE OPTION FROM THE TWO BELOW—

OPTION 1 (5 courses • 15 hours)

World Civilization (select both)
- HIST 1113 or 1113H Inst. and Ideas of World Civ. I
- HIST 1123 or 1123H Inst. and Ideas of World Civ. II

Fine Arts (select 1-2 courses)
- 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
- MLIT 1003 or 1003H Music Lecture
- MLIT 1013 or 1013H Music Lecture for Music Majors
- THTR 1003 or 1003H Theatre Appreciation

Humanities (select 1-2 courses)
- WLIT 1113 or 1113H World Literature I
- WLIT 1123 or 1123H World Literature II
- Any other WLIT or a world language literature course
- CLST 1003 or 1003H Intro to Classical Studies: Greece
- CLST 1013 or 1013H Intro to Classical Studies: Rome
- PHIL 2003 or 2003H Intro to Philosophy

OPTION 2 (4 courses • 15 hours)

Honors Humanities Project (H2P)
- HUMN 1114H Roots of Culture to 500 C.E.
- HUMN 1124H Equilibrium of Cultures, 500-1600
- HUMN 2114H Birth of Modern Culture, 1600-1900
- One course from the Fine Arts section above

COLLOQUIA & OTHER REQUIREMENTS
(hours vary based on exemptions & placement)

- 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 or 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 or 2003H American Nat’l Government

World language up to the Intermediate I (2003) level or higher (hours vary)
- ______________________ 2003

Honors Colloquia (3 courses • 9 hours)
- Humanities or HUMN 2124H Honors 20th Century Global Culture
- Social Science
- Natural Science or Mathematics

Please visit catalog.uark.edu for an extensive list of graduation and prerequisite requirements.
MAJOR REQUIREMENTS for a BACHELOR OF SCIENCE in CHEMISTRY (BIOPHYSICAL)

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES

Catalog year: 2015

Fulbright College Advising Center
518 MAIN
479.575.3307
fulbrightadvising.uark.edu

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

Department of Chemistry and Biochemistry
101 CHEM
479.575.4601
chemistry.uark.edu

MATHEMATICS (2 courses • 8 hours)
- MATH 2554 Calculus I
- MATH 2564 Calculus II

PHYSICS (2 courses • 8 hours)
- PHYS 2054 University Physics I
- PHYS 2074 University Physics II

Note: These mathematics and physics prerequisite requirements are substantial, and these courses and their prerequisites should be scheduled early in the student's program.

BIOLOGY (3 courses • 11 hours)
- BIOL 1543/1541L Principles of Biology
- BIOL 2533/2531L Cell Biology

Select any BIOL lecture course numbered 3000 or higher:
- BIOL __________________

CHEMISTRY WRITING REQUIREMENT
- Satisfied by the formal research/analytical reports required in Physical Chemistry Laboratory—CHEM 3451L or CHEM 3512L—or by completing an honors thesis.

CHEMISTRY (43 hours minimum)
- CHEM 1213/1211L Chemistry for Majors I
- CHEM 1223/1211L Chemistry for Majors II
  or
- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II

- CHEM 2263/2261L Analytical Chemistry
- CHEM 3603/3601L Organic Chemistry I
- CHEM 3613/3611L Organic Chemistry II
  or
- CHEM 3703/3702L Organic Chemistry for Majors I
- CHEM 3713/3712L Organic Chemistry for Majors II

- CHEM 3504 Physical Chemistry I
- CHEM 3514/3512L Physical Chemistry II

- CHEM 4813H Honors Biochemistry I
- CHEM 4843H Honors Biochemistry II
  or
- CHEM 3813 Introduction to Biochemistry
- CHEM 4723 Experimental Methods in Organic Chemistry

- CHEM 4213/4211L Instrumental Analysis

- CHEM 4853 Biochemical Techniques
  or
- Completion of a senior thesis based on independent research wherein at least one credit hour is earned in CHEM 400V (chemistry research) and/or CHEM 498V (senior thesis) during each of three different semesters.