Bachelor of Science in Chemistry-BioChemistry (2014-2015)

<table>
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<tr>
<th>35 hour State Minimum Core</th>
<th>These courses can be transferred to the UA (ADHE ACTS courses in parenthesis)</th>
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| **English Composition: 6 hours** | ENGL 1013 – English Composition I (ENGL 1013)  
ENGL 1023 – English Composition II (ENGL 1023) |
| **Fine Arts: 3 hours** | ARHS 1003 – Art History Lecture (ARTA 1003)  
COMM 1003 – Film Lecture  
MUL 1003 – Music Appreciation (MUSC 1003)  
THTR 1003 – Intro to Theatre (DRAM 1003) |
| **Humanities: 3 hours** | FLAN 2063 – Any World Language Intermediate I  
PHIL 2003 – Intro to Philosophy (PHIL 1103)  
PHIL 2203 – Intro to Logic  
WLLT 1113 – World Lit I (ENGL 2113)  
WLLT 1123 – World Lit II (ENGL 2123) |

**Mathematics: 3 hours**

- MATH 1203 or MATH 1204 – College Algebra (MATH 1103)
- MATH 1313 (MATH 1113)

**Natural Science: 8 hours**

- BIOL 1543/1541L – Principles of Biology (BIOL 1014)  
CHEM 1103/1101L – Univ. Chem I (CHEM 1414)  
CHEM 1123/1121L – Univ. Chem II (CHEM 1424)  
PHYS 1023/1021L – College Physics I (PHYS 2014)  
PHYS 2033/2031L – College Physics II (PHYS 2024)  
PHYS 2054 – University Physics I (PHYS 2034)  
PHYS 2074 – University Physics II (PHYS 2044)  

**Physics: 8 hours**

- PHYS 1023/1021L – College Physics I (PHYS 2014)  
PHYS 2033/2031L – College Physics II (PHYS 2024)

**Biology: 15 hours**

- BIOL 1543/1541L – Principles of Biology (BIOL 1014)  
BIOL 2533/2531L – Cell Biology  
BIOL 2323 – General Genetics  
BIOL 4233 – Genomics and Bioinformatics

**Chemistry: 38 hours**

- CHEM 1103/1101L – Univ. Chem I (CHEM 1414)  
CHEM 1123/1121L – Univ. Chem II (CHEM 1424)

**Pre-Requisite Mathematics: up to 4 hrs**

- MATH 1213 – Trigonometry (MATH 1203)  
MATH 1204 – Precalculus (MATH 1305)

**US History/Government: 3 hours**

- HIST 2003 – Hist. Am. People to 1877 (HIST 2113)  
HIST 2113 – Hist. Am. People from 1877 (HIST 2123)  
PLSC 2003 – Am Nat’l Gov’t (PLSC 2003)

**Social Science: 9 hours**

- ANTH 1023 – Cultural Anthropology (ANTH 213)  
ECON 2013 – Macroeconomics (ECON 2103)  
ECON 2023 – Microeconomics (ECON 2203)  
GEOG 1125 – Human Geography (GEOG 1113)  
GEOG 2003 – World Regional Geography (GEOG 2103)  
HESC 1403 – Life Span Development  
HESC 2413 – Family Relations  
HIST 1113 – Institutions/Ideas of World Civ I (HIST 1113 or HIST 1213)  
HIST 1123 – Institutions/Ideas of World Civ II (HIST 1123 or HIST 1223)  
PLSC 2203 – State & Local Gov’t (PLSC 2103)  
PSYC 2003 – General Psychology (PSYC 1103)  
SOCI 1013 – General Sociology (SOCI 1013)  
SOCI 2033 – Social Problems (SOCI 213)

**Major Requirements – Unless specified, these courses should be taken at the UoA (ADHE ACTS courses in parenthesis)**

- **Pre-Requisite Mathematics: hours vary; discuss with your advisor.**

- **Required General Electives: hours vary; discuss with your advisor.**

- **Note:** courses necessary to complete the AA/AS at current institution could count for general electives.

- **Note:** Due to pre-requisites, MATH 1313 (MATH 1113) is not a recommended course for CHEM majors.

**This form is a guide and should not substitute for the University Catalog. Please see your advisor regularly. This is not a degree plan. This is not a contract. Additional preparatory courses may be necessary based on your placement test scores. You must see your advisor for proper course placement & selection.**

**General Transfer Rules:** 1) No more than 68 hours of lower-division (fr/sr) course work will be used for the student’s degree; 2) Students must complete at least 50% of major requirements within the appropriate department in Fullbright College; 3) Students must complete at least 30 upper-division (p/sr) courses at the UoA; 4) General transfer credit is awarded for courses with an earned grade of “C” or higher; 5) other graduation rules apply – see your advisor.

http://catalog.uark.edu/undergraduatecatalog/academicregulations/transfercredit/

**Note:** no degree credit is awarded for a world language course at the 1003 (Elementary I) level if the student is continuing with a language taken in high school or did not complete two years of a world language in high school.

Students admitted to the university with a completed two-year college degree from an Arkansas state-supported two-year or four-year college or university, as stated in Act 182, may have general education (core) requirements waived; however, students must still complete any lower division, discipline specific courses required for the major.