**Bachelor of Arts in Chemistry-BioChemistry (2014-2015)**

**35 hour State Minimum Core** - These courses can be transferred to the UA (ADHE ACTS courses in parenthesis)

### 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 1013 – Film Lecture
- MULI 1003 – Music Appreciation (MUSIC 1003)
- THTR 1003 – Intro to Theatre (Drama 1003)

### Humanities: 3 hours
- PLAN 2003 – Any World Language Intermediate I
- PHIL 2003 – Intro to Philosophy (PHIL 1103)
- PHIL 2103 – Intro to Ethics
- PHIL 2203 – Intro to Logic
- WLT 1113 – World Lit I (ENGL 2113)
- WLT 1123 – World Lit II (ENGL 2123)

### Mathematics: 3 hours
- □ MATH 1203 or MATH 1204 – College Algebra, or higher: see below in “Major Requirements”  
  (MATH 1103)
- NOTE: Due to pre-requisites, MATH 1313 (MATH 1113) is not recommended for CHEM majors

### Natural Science: 8 hours
- □ BIOL 1543/1541L – Principles of Biology (Biol 1014)
- CHEM 1103/1101L – College Chem I (Chem 1414)
- CHEM 1123/1121L – College Chem II (Chem 1424)
- PHYS 2033/2031L – 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 2033/2031L – 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)

### Biology: 11 hours
(at least 3 hours numbered 3000 or higher)
- □ BIOL 1113
- □ BIOL 1213
- □ BIOL 2074

### Social Science: 9 hours
- □ ANTH 1023 – Cultural Anthropology (Anth 2013)
- □ ECON 1013 – Macroeconomics (Econ 2013)
- □ ECON 2023 – Microeconomics (ECON 2023)
- □ GEOG 1113 – Human Geography (Geog 2013)
- □ GEOG 2003 – World Regional Geography (Geog 2023)
- HESC 1403 – Life Span Development
- HESC 2413 – Family Relations
- □ HIST 1113 – Institutions/Ides of World Civ I (Hist 1113 or Hist 1213)
- □ HIST 1123 – Institutions/Ides 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 2033)

### US History/Government: 3 hours
- □ HIST 2003 – Hist. Am. People to 1877 (Hist 2113)
- □ HIST 2013 – Hist. Am. People from 1877 (Hist 2123)

### Mathematics: 3-4 hours
- □ MATH 2043 – Survey of Calculus (Math 2203)
- □ MATH 2554 – Calculus I (Math 2405)

### Chemistry: 33 hours
- □ CHEM 1103/1101L – College Chem I (Chem 1414)
- □ CHEM 1123/1111L – College Chem II (Chem 1424)
- □ CHEM 1123 – Institutions/Ides of World Civ I (Hist 1113 or Hist 1213)
- □ CHEM 1123 – Institutions/Ides 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 2033)

### Pre-Requisite Mathematics: up to 4 hrs
- □ MATH 1213 – Trigonometry (Math 1203)
- □ MATH 1284 – Pre-calculus (Math 1305)

*Note: These courses will typically count as general electives toward the CHEMBS degree at the UofA. Students are encouraged to begin the math sequence at the highest appropriate level. See advisor for proper placement.

**World Language: 3-9 hours to the Intermediate I (2003) level**  
(Spanish, French, German offered at NWACC)

- □ 1003* see note below
- □ 1013
- □ 2003

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

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

### Chair’s Notes
- 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/so) 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 Fulbright College; 3) Students must complete at least 30 upper-division (fr/so) courses at the UofA; 4) general transfer credit is awarded for courses with an earned grade of “C” or higher; 5) other graduation rules apply – see your advisor.

*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.