# Chemistry-BioChem Core and Major Requirements (Bachelor of Arts) – Catalog Year 2012

## Course Requirements for the First Two Years

### English Composition
- ENGL 1013 English Composition I
- ENGL 1023 English Composition II

### U.S. History or American Government
- HIST 2003 US History to 1877
- HIST 2013 US History: 1877-Present
- PLSC 2003 American National Government

### Fine Arts/Humanities
- Choose at least 1 course from both sections
  - **Section 1: Fine Arts**
    - ARCH 1003 Architecture Lecture
    - ARHS 1003 Art History Lecture
    - COMM 1003 Film Lecture
    - DANC 1003 Basic Movement and Dance
    - DRAM 1003 Intro to Theatre Lecture
    - LARC 1003 The American Landscape
    - MLIT 1003 Music Lecture
  - **Section 2: Humanities**
    - ARCH 1003 Diversity and Design
    - CLST 1003 Classical Studies: Greece
    - CLST 1013 Classical Studies: Rome
    - COMM 1223 Media, Community, and Citizenship
    - HUMN 2003 Intro to Gender Studies
    - HUMN 2124H Equilibrium of Cultures: 500-1600
    - HUMN 2124Q Twentieth Century Global Culture
    - PHIL 2003(C) Intro to Philosophy
    - PHIL 2103 Intro to Ethics
    - PHIL 2203 Intro to Logic
    - World Language Intermediate 1 (2003) course
    - WLIT 1113 World Literature I
    - WLIT 1123 (WLIT 1113) World Literature II

### Course Requirements for the Second Two Years

#### Mathematics
- MATH 1203 (C) College Algebra
- MATH 1204 College Algebra with Review

#### Social Science: Choose from at least 2 areas
- AGEC 1103 Principles of Agri Microeconomics
- AGEC 2103 Principles of Agri Macroeconomics
- ANTH 1023 Intro to Cultural Anthropology
- COMM 1023 Communication in a Diverse World
- ECON 2013 (Math 1203) Macroeconomics
- ECON 2023 (Math 1203) Microeconomics
- ECON 2143 Basic Economics: Theory/Practice
- GEOG 1123 Human Geography
- GEOG 2003 World Regional Geography
- HESC 1403 Life Span Development
- HESC 2413 Family Relations
- HIST 1113 Institutions/ideas of World Civ I
- HIST 1123 Institutions/ideas of World Civ II
- HIST 2003 US History to 1877
- HIST 2013 US History 1877 – Present
- HUMN 1114H Roots of Culture to 500 C.E.
- HUMN 2114H Birth of Mod Culture 1600-1900
- PLSC 2003 American National Government
- PLSC 2103 Intro to Comparative Politics
- PLSC 2203 State and Local Government
- PSYC 2003 General Psychology
- RESM 2853 Leisure and Society
- RSOC 2603 Rural Sociology
- SOCI 2013 General Sociology
- SOCI 2033 Social Problems

*Cannot be as both Core US History and Core Social Science

*For Honors Students only

### Major Requirements

#### Chemistry-BioChem Core

- CHEM 1213/1211L Chemistry for Majors I
- OR
- CHEM 1223/1221L Chemistry for Majors II
- CHEM 1103/1101L University Chemistry I
- AND
- CHEM 1223/1221 University Chemistry II
- CHEM 1103/1101 (CHEM 1103, Math 1203)
- AND
- CHEM 2263/2261L Analytical Chem Lecture
- CHEM 1123/1121L or CHEM 1074/1071L, Math 1203)
- AND
- CHEM 3453/3451 Elements of Physical Chem
- OR
- CHEM 3504 Physical Chemistry I
- AND
- CHEM 3514/3512L Physical Chemistry II (CHEM 3504)

### World Language to the Intermediate I (2003) level
- No graduation credit is awarded for a world language 1003 course to students continuing with the language begun in high school.

### World Language to the Intermediate I (2003) level
- CHEM 3703/3702L Org Chem I for Majors
  - CHEM 1123/1121L
- CHEM 3713/3712L Org Chem II for Majors
  - CHEM 1123/1121L

*Students can opt to take CHEM 3603/3601L and CHEM 3613/3611L (Org Chem I & II for non-majors)

### Mathematics
- MATH 2554C Calculus I
- OR
- MATH 2043C Calculus II

### Physics
- PHYS 1044/1040L Physics for Architects
- PHYS 1054/1050L Physics for Architects
- PHYS 2013/2011L College Physics I
- PHYS 2033/2031L College Physics II
- PHYS 2054/2050L University Physics I
- PHYS 2074/2070L University Physics II

### Biological Sciences
- At least 3 hours must be an upper-level course (3000+)
  - BIOL
  - OR
  - PHYS 2054 University Physics I
  - PHYS 2074 University Physics II

### Electives (to meet the 124 hour minimum Graduation Requirement)

*N: No graduation credit is awarded for a world language 1003 course to students continuing with the language begun in high school.

For more information on Chemistry, contact the Department of Chemistry/Biochemistry.
CHEM 119  479-575-4648  chemistry.uark.edu

***This form is NOT a substitute for the Catalog of Studies. Students should verify their graduation requirements with their advisor, their degree evaluation, and the Catalog of Studies.***