Major Requirements for Chemistry:

- Completion of the following Chemistry courses:
  - CHEM 1213/1211L Chemistry for Majors I/ Lab AND CHEM 1223/1221L Chemistry for Majors II/ Lab (CHEM 1213/1211L or CHEM 1103/1101L) -OR-
  - CHEM 1103/1101L University Chemistry I/ Lab AND CHEM 1123/1121L University Chemistry II/ Lab (CHEM 1103)

- CHEM 2263/2271L Analytical Chemistry

- An additional 18 hours to include:
  - CHEM 3703/3702L Organic Chemistry I/ Lab for Majors (CHEM 1123/1121L) AND
  - CHEM 3713/3712L Organic Chemistry II/ Lab for Majors (CHEM 1123/1121L)
  - OR-
  - CHEM 3603/3601L Organic Chemistry I/ Lab (CHEM 1123/1121L) AND
  - CHEM 3613/3611L Organic Chemistry II/ Lab (CHEM 1123/1121L and CHEM 3603/3601L)

- CHEM 3453/3451L Elements of Physical Chem I/ Lab (CHEM 2282 & 2272 & PHYS 2033/2031L & MATH 2043 or MATH 2554) -OR-
  - CHEM 3504 Physical Chemistry (Pre or Co: MATH 2564; pre: CHEM 1123/1121L, PHYS 2074) AND CHEM 3514/3512L Physical Chemistry II/ Lab (CHEM 3504)

- An additional 2 courses in Chemistry number 3000 or above:
  - CHEM __________ CHEM __________

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 this information with their advisor, their degree audit, and the Catalog of Studies.**

Requirements for Departmental Honors in Chemistry:

Students with good academic backgrounds and strong interests in research are encouraged to participate in the department of chemistry and biochemistry honors program. Entrance into the program is normally during the sophomore year or the first semester of the junior year, and a minimum cumulative GPA of 3.5 is required. Entrance is initiated by consulting the faculty academic adviser, who will help arrange conferences with potential faculty research project advisers. When there is agreement between the student and the adviser on a research project or area, an Honors Advisory Committee is set up to supervise the honors candidate’s program. The heart of the program is the research project, but students are encouraged to broaden their experience beyond required courses within chemistry, the natural sciences, the social sciences, and the humanities. Participation in Honors Colloquia, honors sections of regular courses, and chemistry departmental and divisional seminars is especially recommended. All honors candidates enroll in the spring semester Honors Seminar (CHEM 4011H), and senior honors students must make at least one seminar presentation. All honors candidates will be required to complete and defend an honors thesis and take 12 hours (which may include 6 hours of thesis) in Honors Studies. The thesis is required in the spring semester of the senior year, followed by an oral presentation. On the basis of these written and oral reports and their evaluation of all aspects of the student’s honors program, the candidate’s Honors Advisory Committee will recommend whether or not the distinction “Chemistry or Biochemistry Scholar Cum Laude” should be awarded. Higher degree distinctions are recommended only in truly exceptional cases and are based upon the whole of the candidate’s program of honors studies.

40-Hour Rule
Students must complete at least 40 hours of work in courses number 3000 and above. Included in this 40 hours can be courses numbered 2000 if each has a specific course designated as a prerequisite, with the exception of MILS 2001 and 2011, AERO 2001 and 2011, and foreign language courses numbered 2003 and 2013.

24-Hour Rule
A student graduating from Fulbright College must complete at least 24 hour of work in courses numbered 3000 and above from departments within the Fulbright College of Arts and Sciences.