

Chemistry B.A.

Chemistry B.A. Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) in the Academic Regulations chapter for university requirements of the program. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013)	3	
Select one of the following:	3-4	
MATH 11003 College Algebra (ACTS Equivalency = MATH 1103) (if required)		
MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203) ¹		
MATH 24004 Calculus I (ACTS Equivalency = MATH 2405) (as advised) ^{1,3}		
Select one of the following:	4	
CHEM 12073 Chemistry for Majors I & CHEM 12071 Chemistry for Majors I Laboratory		
CHEM 14103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 14101 University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)		
Elementary II World Language Course Numbered 1013	3	
University/State Core US History requirement	3	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023)		3
Select one of the following as needed:	3-4	
MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203) ¹		
MATH 24004 Calculus I (ACTS Equivalency = MATH 2405) ³		
Elective		
Select one of the following:	3	
CHEM 12283 Chemistry for Majors II & CHEM 12281 Chemistry for Majors II Laboratory		
CHEM 14203 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 14201 University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)		
Intermediate I World Language Course Numbered 2003	3	
University/State Core Social Science requirement	3	

Year Total: 16 15

Second Year	Units	
	Fall	Spring
Select one of the following:	4-5	
CHEM 37073 Organic Chemistry I Lecture for Chemistry Majors & CHEM 37072 Organic Chemistry I Lab for Chemistry Majors ^{1,2}		
CHEM 36053 Organic Chemistry I & CHEM 36051 Organic Chemistry I Laboratory ^{1,2}		
PHYS 20103 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 20101 College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) ¹	4	
University/State Core Fine Arts or Humanities requirement		3
University/State Core Social Science requirement		3
General Elective		3
Select one of the following:		4-5
CHEM 37203 Organic Chemistry II Lecture for Chemistry Majors & CHEM 37202 Organic Chemistry II Lab for Chemistry Majors ^{1,2}		
CHEM 36203 Organic Chemistry II & CHEM 36201 Organic Chemistry II Laboratory ^{1,2}		
University/State Core Humanities or Fine Arts requirement (as needed)		3
PHYS 20203 College Physics II (ACTS Equivalency = PHYS 2024 Lecture) & PHYS 20201 College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab)		4
University/State Core Social Science requirement (as needed)		3
Year Total:	17	14

Third Year	Units	
	Fall	Spring
CHEM 22673 Analytical Chemistry Lecture ¹	3	
CHEM 34603 Elements of Physical Chemistry & CHEM 34601 Elements of Physical Chemistry Laboratory ^{1,2}	4	
General Electives	9	
General Electives		16
Year Total:	16	16

Fourth Year	Units	
	Fall	Spring
CHEM 38103 Elements of Biochemistry ^{1,2} or CHEM 481H3 Honors Biochemistry I	3	
CHEM 22671 Analytical Chemistry Laboratory ¹	1	
Upper Level Fulbright College Elective ^{1,2}	3	
General Elective	7	
CHEM 48503 Biochemical Techniques ^{1,2}		3

2 Chemistry B.A.

Select one of the following:		3
CHEM 484H3 Honors Biochemistry II ^{1,2}		
3000+ CHEM Elective ^{1,2}		
General Electives		6
Year Total:	14	12

Total Units in Sequence: **120**

¹ Meets 40-hour advanced credit hour requirement. See College Academic Regulations.

² Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See College Academic Regulations.

³ Depends on placement; MATH 22003 Survey of Calculus is another option for this degree. Student may also choose to take MATH 13004 Precalculus in Fall Semester 1 and MATH 24004 Calculus in Spring Semester 1. Another option is to complete MATH 11003 in Fall Semester 1 and MATH 22003 Survey of Calculus in Spring Semester 1.