

Chemistry, BS

The BS degree in Chemistry consists of the University Charger Foundation requirements, the major core courses, the major elective courses, and ancillary requirements. Beyond these the student may elect other course work to attain 128 semester hours with at least 39 semester hours at the level of 300 or above. The student may also elect a particular concentration. The concentration may require more than 128 semester hours of course work.

The B.S. in Chemistry consists of:

- Major core
- Major electives
- BS General Education Requirements (GER)
- Ancillary requirements
- General electives

Overview of Degree Requirements

See: Academic Policies and Procedures (<http://catalog.uah.edu/undergrad/policies-procedures/application-graduation/>).

Code	Title	Semester Hours
Charger Foundations		
College General Education Requirements		41
Major Core Courses		
CH 121	GENERAL CHEMISTRY I	3
CH 123	GENERAL CHEMISTRY II	3
CH 125	GENERAL CHEMISTRY LAB I	1
CH 126	GENERAL CHEMISTRY LAB II	1
CH 223	QUANTITATIVE ANALYSIS	3
CH 224	QUANTITATIVE ANALYSIS LAB	1
CH 331	ORGANIC CHEMISTRY I	3
CH 332	ORGANIC CHEMISTRY II	3
CH 335	ORGANIC CHEMISTRY LAB I	1
CH 361	GENERAL BIOCHEMISTRY	3
CH 401	INORGANIC CHEMISTRY	3
Additional Requirements used in Various Concentrations		
CH 315	CHEMISTRY TEACHING METHODS	3
CH 336	ORGANIC CHEMISTRY LAB II	1
CH 337	ORGANIC CHEMISTRY LAB III	2
CH 341	PHYSICAL CHEMISTRY I	3
CH 342	PHYSICAL CHEMISTRY II	3
CH 345	EXPERIMENTAL PHYSICAL CHEM I	1
CH 346	EXPERIMENTAL PHYSICAL CHEM II	1
CH 347	BIOPHYSICAL CHEMISTRY I	3
CH 348	BIOPHYSICAL CHEMISTRY II	3
CH 362	GENERAL BIOCHEMISTRY LAB	1
CH 363	GEN BIOCHEMISTRY II	3
CH 364	GEN BIOCHEMISTRY LAB II	1
CH 402	INORGANIC CHEMISTRY LAB	1
CH 421	INSTRUMENTAL ANALYSIS	4
CH 435	CHEMICAL TOXICOLOGY	3
CH 440	POLYMER SYNTHESIS & CHARACTERI	3
CH 480	SELECTED TOPICS IN CHEM	1-3
Select one of the following:		
CH 491	INTRO TO CHEMICAL RESEARCH	

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CH 493	INTRO TO CHEMICAL RESEARCH
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Required Ancillary Courses

Ancillary course work required for the major. These courses may also satisfy Charger Foundation requirements or requirements for a minor if desired.

BYS 119	PRINCIPLES OF BIOLOGY	4
BYS 120	ORGANISMAL BIOLOGY	4
MA 171	CALCULUS A	4
MA 172	CALCULUS B	4
PH 111	GEN PHYSICS W/CALCULUS I	3
PH 112	GEN PHYSICS W/CALC II	3
PH 114	GENERAL PHYSICS LAB I	1
PH 115	GENERAL PHYSICS LAB II	1
EH 301	TECHNICAL WRITING	3

Select one of the following:

CS 100	INTRO COMPUTERS & PROGRAM
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CS 102	INTRO TO C PROGRAMMING
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CS 103	INTRO PROGRAMMING USING JAVA
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CS 121	COMPUTER SCIENCE I
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Total Semester Hours

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