

Chemistry, B.S. (also see Chemistry B.S. with ACS Certification)

Department of Chemistry, 303-556-2610, Science Building 3062

College of Letters, Arts, & Sciences

Catalog 14-15

This sheet applies to the 2014-15 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies	34 min	Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.
Major courses	48	
Ancillary courses	12	
Minor courses	18 min.	
Total to graduate (min. 40 hrs. upper-division)	120 min.	

*TO BE COMPLETED WITHIN FIRST 30 COLLEGE-LEVEL CREDIT HOURS

Written Communication

- ___ ENG 1010 (3 hrs) Composing Arguments*
or ENG 1008/1009 (6 hrs.) Intro to Composition, Parts 1 & 2*
___ ENG 1020 (3 hrs) Freshman Comp: Analysis, Research, & Documt.
(ENG 1020 must be completed within 45 credit hours)

Oral Communication*

- ___ (3 hrs)

Quantitative Literacy*

- ___ MTH 1110 (4 hrs.) College Algebra or higher level math
*NOTE: MTH 1110 & MTH 1120 OR MTH 1400 are prereqs for MTH 1410
do **not** take MTH 1112 College Algebra through Modeling*

Arts and Humanities

- ___ (3 hrs.)
___ (3 hrs.)

Historical

- ___ (3 hrs.)

Natural and Physical Sciences

- ___ PHY 2010(4 hrs.) College Physics I and PHY 2030 Lab (1hr.)
___ PHY 2020 (4 hrs.) College Physics II and PHY 2040 Lab(1hr.)
or
___ PHY 2311 (4 hrs.) General Physics I and PHY 2321 Lab (1 hr.)
___ PHY 2331 (4 hrs.) General Physics II and PHY 2341 Lab (1 hr.)

Social and Behavioral Sciences I

- ___ (3 hrs.)

Social and Behavioral Sciences II

- ___ (3 hrs.)

Global Diversity

MAJOR COURSES - Please see Faculty Advisor in CHE dept.

A grade of C or better is required for each course in the program to count toward the bachelor's degree.

- ___ CHE 1800 (4 hrs.) General Chemistry I
___ CHE 1810 (4 hrs.) General Chemistry II
___ CHE 1850 (2 hrs.) General Chemistry Lab
___ CHE 3000 (3 hrs.) Analytical Chemistry
___ CHE 3010 (2 hrs.) Analytical Chemistry Lab
___ CHE 3100 (4 hrs.) Organic Chemistry I
___ CHE 3110 (3 hrs.) Organic Chemistry II
___ CHE 3120 (2 hrs.) Organic Chemistry I Lab
___ CHE 3130 (2 hrs.) Organic Chemistry II Lab
___ CHE 3250 (4 hrs.) Physical Chemistry I
___ CHE 3260 (4 hrs.) Physical Chemistry II
___ CHE 3280 (2 hrs.) Physical Chemistry I Lab
___ CHE 3290 (2 hrs.) Physical Chemistry II Lab

Chemistry Electives – A minimum of 10 hours of upper division chemistry in consultation with a CHE faculty advisor: The Senior Experience in Chemistry (CHE 4950) does not count as an elective. Students may take any Senior Experience approved by the university.

- ___ CHE
___ CHE
___ CHE

Required ancillary courses for a B.S.:

- ___ MTH 1410 (4 hrs.) Calculus I
___ MTH 2410 (4 hrs.) Calculus II
___ MTH 2420 (4 hrs.) Calculus III

Multicultural Requirement

(may be satisfied within General Studies, major, minor or elective)

A 3 credit hour **Senior Experience** is required if not taken in the Major; see approved selections and prerequisites.

MINOR (required)

ELECTIVES