

**Chemistry, B.A.**  
**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.
Major courses	37
Required ancillary course	4
Minor courses	18 min.
Electives	27
<b>Total to graduate (min. 40 hrs. upper-division)</b>	<b>120 min.</b>

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

**\*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 (lab required for General Studies cr.)  
 \_\_\_ PHY 2030 (2 hrs) College Physics Lab required for General Studies cr.

Social and Behavioral Sciences I

- \_\_\_ (3 hrs.)

Social and Behavioral Sciences II

- \_\_\_ (3 hrs.)

Global Diversity

- \_\_\_ (3 hrs.) may be satisfied within General Studies

**MAJOR COURSES (Please see a Faculty Advisor in CHE department)**

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 3190 (4 hrs.) Survey of Physical Chemistry  
 \_\_\_ CHE 3200 (1 hrs.) Survey of Physical Chemistry Lab

Chemistry Electives – Select a minimum 6 upper-division elective hours 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

Required ancillary course:

- \_\_\_ MTH 1410 (4 hrs.) Calculus I

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**