

Chemistry, B.A.
303-556-2610 Science Building 3062
School of Letters, Arts, & Sciences

Catalog 13-14

This sheet applies to the 2013-14 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	Students who have reached junior standing (60 hrs) should request a
Required ancillary course	4	CAPP (graduation compliance report)
Minor courses	18 min.	and review it with a faculty advisor.
Electives	27	
Total to graduate (min. 40 hrs. upper-division)	120 min.	

***TO BE COMPLETED WITHIN FIRST 30-CREDIT HOURS AT MSU-Denver**

Written Communication

- ENG 1010 (3 hrs.) Composing Arguments*
- or** ENG 1008/1009 (6 hrs.) Composing Arguments, Parts I & II*
- ENG 1020 (3 hrs.) Freshman English: Rsrch, Anly, & Documt.
(to be completed within 60 credits at Metro)

Oral Communication*

- (3 hrs.)

Quantitative Literacy*

- MTH 1110 (4 hrs.) College Algebra or higher level math

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)

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 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