

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

303-556-2610 Science Building 3062

Catalog 10-11

This sheet applies to the 2010-2011 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	36	
Major courses	68	
American Chemical Society required courses	15	
Minor courses	18 min	
Total to graduate (min. 40 hrs upper division)	132 min	

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

GENERAL STUDIES

Composition

- ___ ENG 1010-3 Freshman Comp: the Essay
- ___ ENG 1020-3 Freshman Comp: Anal., Rsrch & Docum.

Mathematics

- ___ MTH 1110-4 College Algebra or higher level math
- NOTE: MTH 1110 & MTH1120 **OR** MTH 1400 are prereq's for MTH 1410

Communications

- ___ -3

Historical

- ___ -3

Arts & Letters

- ___ -3
- ___ -3

Social Sciences

- ___ -3
- ___ -3

Natural Sciences (labs required for General Studies Credit)

- ___ PHY 2311-4 General Physics I (PHY 2320-1)
- ___ PHY 2331-4 General Physics II (PHY 2341-1)

or

- ___ PHY 2010-4 College Physics I (PHY 2030-1)
- ___ PHY 2020-4 College Physics II (PHY 2040-1)

Multicultural Requirement

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

- ___ -3

MINOR (required)

MAJOR CORE

- ___ CHE 1800-4 General Chemistry I
- ___ CHE 1810-4 General Chemistry II
- ___ CHE 1850-2 General Chemistry Lab
- ___ CHE 3000-3 Analytical Chemistry
- ___ CHE 3010-2 Analytical Chemistry Lab
- ___ CHE 3100-4 Organic Chemistry I
- ___ CHE 3110-3 Organic Chemistry II
- ___ CHE 3120-2 Organic Chemistry I Lab
- ___ CHE 3130-2 Organic Chemistry II Lab

Additional Required Chemistry Courses:

- ___ CHE 3250-4 Physical Chemistry I
- ___ CHE 3260-4 Physical Chemistry II
- ___ CHE 3280-2 Physical Chemistry I Lab
- ___ CHE 3290-2 Physical Chemistry II Lab

Chemistry Electives – A minimum of 10 hours of upper division chemistry in consultation with a faculty advisor:

- ___ CHE
- ___ CHE
- ___ CHE

Required ancillary courses for a B.S.:

- ___ MTH 1410-4 Calculus I
- ___ MTH 2410-4 Calculus II
- ___ MTH 2420-4 Calculus III