

Chemistry, B.S., Criminalistics Concentration

303-556-2610

Science Building 3062

Catalog 11-12

This sheet applies to the 2011-12 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	38
Major courses	50
Required ancillary courses	20-22
Required Options: A or B	10-20
Total to graduate (min. 40 hrs upper division)	120 (Option A) 127-130 (Option B)

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

GENERAL STUDIES LEVEL I Complete during your first 30 hours at Metro

Composition

- ___ ENG1010-3 Freshman Comp: the Essay
- ___ ENG1020-3 Freshman Comp: Anal., Rsrch & Docum.

Mathematics

- ___ MTH1110-4 College Algebra or higher math

Communications

- ___ -3

GENERAL STUDIES LEVEL II

Historical

- ___ -3

Arts & Letters

- ___ PHI 1030-3 Ethics
- ___ -3

Social Sciences

- ___ -3 CJC 1010-3 Intro to Criminal Justice
- ___ -3

Natural Science

One of the following year-long physics sequences:

- ___ PHY2010-4 College Physics I
- ___ PHY2030-1 College Physics I Lab
- ___ PHY2020-4 College Physics II
- ___ PHY2040-1 College Physics II Lab

- or**
- ___ PHY2311-4 General Physics I
 - ___ PHY2321-1 General Physics I Lab
 - ___ PHY2331-4 General Physics II
 - ___ PHY2341-1 General Physics II Lab

Multicultural Requirement

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

- ___ -3

MAJOR COURSES

- ___ CHE1800-4 General Chemistry I
- ___ CHE1810-4 General Chemistry II
- ___ CHE1850-2 General Chemistry Lab
- ___ CHE3000-3 Analytical Chemistry
- ___ CHE3010-2 Analytical Chemistry Lab
- ___ CHE3100-4 Organic Chemistry I
- ___ CHE3110-3 Organic Chemistry II
- ___ CHE3120-2 Organic Chemistry I Lab
- ___ CHE3130-2 Organic Chemistry II Lab

Additional Required Chemistry Courses:

- ___ CHE4100-3 Instrumental Analysis
- ___ CHE4110-2 Instrumental Analysis Lab
- ___ CHE4310-4 Biochemistry I
- ___ CHE4350-1 Biochemistry Lab

Required Criminalistics Courses:

- ___ CHE2710-3 Introduction to Criminalistics
- ___ CHE3700-4 Criminalistics I
- ___ CHE3710-4 Criminalistics II
- ___ CHE4710-3 Criminalistics Internship II (Senior Experience)

Required Ancillary courses:

- ___ BIO1080-3 General Introduction to Biology & BIO1090-1 Lab
- ___ BIO3050-4 Cell and Molecular Biology
- ___ BIO3600-4 General Genetics
- ___ CJC2140-3 Criminal Procedure
- ___ MTH1210-4 Introduction to Statistics
- or** MTH3210-4 Probability and Statistics
- ___ MTH1410-4 Calculus I

Required Physical Chemistry Options (Select A or B):

- | Option A: | Option B: |
|------------------|-------------------------------|
| ___ CHE3190-4 | ___ CHE 3250-4 ___ CHE 3290-2 |
| ___ CHE3200-1 | ___ CHE 3280-2 ___ MTH 2410-4 |
| ___ CHE4700-5 | ___ CHE 3260-4 ___ MTH 2420-4 |

NOTE: Students are encouraged to complete all the requirements for American Chemical Society Approval. See Department.