### General Studies
- **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)

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 Level I
- **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**
- **Social Sciences**
  - PHI 1030-3 Ethics
  - 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
  - **MTH3210-4** Probability and Statistics
  - **MTH1410-4** Calculus I

- **Required Physical Chemistry Options**
  - **Option A**:  CHE3190-4
  - **Option B**:  CHE 3250-4
  - **CHE3200-1**
  - **CHE3280-2**
  - **MTH2410-4**
  - **CHE4700-5**
  - **CHE3260-4**
  - **MTH2420-4

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