### General Studies

- **Major courses**: 68
- **American Chemical Society required courses**: 15
- **Minor courses**: 18 min
- **Total to graduate (min. 40 hrs upper division)**: 132 min

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**
  - ENG 1010 - 3: Freshman Comp: the Essay

- **Mathematics**
  - MTH 1110 - 4: College Algebra or higher level math

**NOTE:** MTH 1110 & MTH 1120 OR MTH 1400 are prerequisite for MTH 1410

### Communications

- **-3**

### General Studies Level II

- **Historical**
  - **-3**

- **Arts & Letters**
  - **-3**
  - **-3**

- **Social Sciences**
  - **-3**
  - **-3**

- **Natural Sciences** (labs required for General Studies Credit)
  - PHY 2010-4: College Physics I and PHY 2030 Lab—1
  - or
  - PHY 2020-4: College Physics II and PHY 2040 Lab—1

  - PHY 2311-4: General Physics I and PHY 2321 Lab—1
  - PHY 2331-4: General Physics II and PHY 2341 Lab—1

- **Multicultural Requirement**
  - (may be satisfied within General Studies, major, minor or electives)
  - **-3**

### 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 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
- 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. The Senior Experience in Chemistry (CHE 4950) does not count as an elective. Students may take any Senior Experience approved by the college.

- **-3**
- **-3**
- **-3**

### Required Ancillary Courses for a B.S.

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

**MINOR (required)**