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.

| Major courses | 56 |
| Requirement Ancillary courses | 12 |
| Minor courses | 18 min |
| Total to graduate (min. 40 hrs upper division) | 124 min |

**General Studies Level I** Complete during your first 30 hours at Metro

- Composition
  - ENG 1010 - Composition
  - ENG 1020 - Composition

- Mathematics
  - MTH 1110 - College Algebra or higher level math

**Note:** MTH 1110 & MTH 1120 OR MTH 1400 are prerequisites for MTH 1410

**Communications**
- -3

**General Studies Level II**

**Historical**
- -3

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

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

**Natural Sciences**
- PHY 2010-4 - College Physics I and PHY 2030 Lab -1
- PHY 2020-4 - College Physics II and PHY 2040 Lab -1
- or
- 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

**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 Lab
- CHE 3130-2 - Organic Chemistry II Lab
- CHE 2300-3 - Inorganic Chemistry
- 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
- CHE 4100-3 - Instrumental Analysis
- CHE 4110-2 - Instrumental Analysis Lab
- CHE 4300-3 - Advanced Inorganic Chemistry
- CHE 4310-4 - Biochemistry I

Chemistry Electives 6 hours – in consultation with a faculty advisor: (The Senior Experience in Chemistry does not count as an elective. Students may take any approved Senior Experience.)

- CHE
- CHE

Required ancillary courses for a B.S.:

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