This sheet applies to the 2012-13 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.

<table>
<thead>
<tr>
<th>General Studies</th>
<th>38 min.</th>
<th>Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major courses</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>Required Ancillary courses</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Minor courses</td>
<td>18 min</td>
<td></td>
</tr>
<tr>
<td>Total to graduate (min. 40 hrs upper-division)</td>
<td>124 min</td>
<td></td>
</tr>
</tbody>
</table>

*TO BE COMPLETED WITHIN FIRST 30 COLLEGE-LEVEL CREDIT HOURS*

**Written Communication**

- ENG 1010 (3 hrs.) Freshman English: The Essay
- ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II
- ENG 1020 (3 hrs.) Freshman English: Anal.,Rsrch.& Docum.  
  (must be completed within 45 credit hours)

**Quantitative Literacy**

- MTH 1110 (4 hrs.) College Algebra or higher level math

**Oral Communication**

- (3 hrs.)

**Arts and Humanities**

- (3 hrs.)
- (3 hrs.)

**Historical**

- (3 hrs.)

**Natural and Physical Sciences**

- PHY 2010(4 hrs.) College Physics I and PHY 2030 Lab (1hr.)
- PHY 2020 (4 hrs.) College Physics II and PHY 2040 Lab(1hr.)
- PHY 2311 (4 hrs.) General Physics I and PHY 2321 Lab—1
- PHY 2331 (4 hrs.) General Physics II and PHY 2341 Lab—1

**Social and Behavioral Sciences I**

- (3 hrs.)

**Social and Behavioral Sciences II**

- (3 hrs.)

**MAJOR COURSES (Please see a Faculty Advisor)**

- CHE 1800 (4 hrs.) General Chemistry I
- CHE 1810 (4 hrs.) General Chemistry II
- CHE 1850 (2 hrs.) General Chemistry Lab
- CHE 2300 (3 hrs.) Inorganic Chemistry
- CHE 3000 (3 hrs.) Analytical Chemistry
- CHE 3010 (2 hrs.) Analytical Chemistry Lab
- CHE 3100 (4 hrs.) Organic Chemistry I
- CHE 3110 (3 hrs.) Organic Chemistry II
- CHE 3120 (2 hrs.) Organic Chemistry I Lab
- CHE 3130 (2 hrs.) Organic Chemistry II Lab
- CHE 3250 (4 hrs.) Physical Chemistry I
- CHE 3260 (4 hrs.) Physical Chemistry II
- CHE 3280 (2 hrs.) Physical Chemistry I Lab
- CHE 3290 (2 hrs.) Physical Chemistry II Lab
- CHE 4100 (2 hrs.) Instrumental Analysis
- CHE 4110 (2 hrs.) Instrumental Analysis Lab
- CHE 4310 (4 hrs.) Biochemistry

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 hrs.) Calculus I
- MTH 2410 (4 hrs.) Calculus II
- MTH 2420 (4 hrs.) Calculus III

**Multicultural Requirement**

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

A 3 hour Senior Experience is required if not taken in the Major; see approved selections and prerequisites.

**MINOR (required)**