This sheet applies to the 2014-15 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 (including physics with labs) | 38 min |
| Major courses | 43 |
| Ancillary courses | 24 |
| Electives | 15 |
| **Total to graduate (min. 40 hrs. upper-division)** | **120 min.** |

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

**Written Communication**
- __ ENG 1010 (3 hrs) Composing Arguments*  
  or ENG 1008/1009 (6 hrs.) Intro to Composition, Parts 1 & 2*  
- __ ENG 1020 (3 hrs) Freshman Comp: Analysis, Research, & Documt.  
  (ENG 1020 must be completed within 45 credit hours)

**Oral Communication***
- __ (3 hrs)

**Quantitative Literacy***
- __ MTH 1110 (4 hrs.) College Algebra or higher level math

*NOTE: MTH 1110 & MTH 1120 OR MTH 1400 are prereqs for MTH 1410 do not take MTH 1112 College Algebra through Modeling*

**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.)  
  or PHY 2020 (4 hrs.)College Physics II and PHY 2040 Lab(1hr.)  
- __ PHY 2311 (4 hrs.)General Physics I and PHY 2321 Lab (1 hr.)  
  __ PHY 2331 (4 hrs.)General Physics II and PHY 2341 Lab (1 hr.)

**Social and Behavioral Sciences I**
- __ (3 hrs.)

**Social and Behavioral Sciences II**
- __ (3 hrs.)

**Global Diversity**
- __ (3 hrs.) may be satisfied within General Studies

**MAJOR COURSES - Please see Faculty Advisor in CHE dept.**

A grade of C or better is required for each course in the program to count toward the bachelor's degree.

- __ CHE 1800 (4 hrs.) General Chemistry I  
  __ CHE 1810 (4 hrs.) General Chemistry II  
  __ CHE 1850 (2 hrs.) General Chemistry Lab  
  __ 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 3280 (2 hrs.) Physical Chemistry I Lab  
  __ CHE 4310 (4 hrs.) Biochemistry I  
  __ CHE 4320 (3 hrs.) Biochemistry II  
  __ CHE 4350 (1 hr.) Biochemistry Laboratory  
  __ CHE 4950 ( hrs.) Senior Experience in Chemistry

Biochemistry is, by nature, an interdisciplinary area of study, and the required coursework reflects that reality, offering a complete education in the biochemical, biomedical, and technical fields. The student must satisfy the non-chemistry course requirements below.

- __ BIO 1080 (3 hrs.) General Biology I  
  __ BIO 1090 (1 hrs.) General Biology Lab I  
  __ BIO 1081 (3 hrs.) General Biology II  
  __ BIO 1091 (1 hrs.) General Biology Lab II  
  __ BIO 3050 (4 hrs.) Cell & Molecular Biology  
  __ BIO 3600 (4 hrs.) General Genetics (check catalog for prereqs.)  
  __ MTH 1410 (4 hrs.) Calculus I  
  __ MTH 2410 (4 hrs.) Calculus II

**Multicultural Requirement**

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

**ELECTIVES**