## 2014-15 Degree Plan
### Chemistry, BA
#### College of Arts & Sciences: Department of Chemistry and Chemical Biology (4 Year Plan)

### Term 1
- **Hours Towards Degree:** 14
- **Hours:** 4
- **Minimum Grade:** C
- **Notes:**
  - CHEM 121: General Chemistry I along with CHEM 123L: General Chemistry I Laboratory or CHEM 131L: Principles of Chemistry
  - MATH 162: Calculus I or MATH 180: Elements of Calculus I
  - ENGL 110: Composition 1: Exposition
  - Humanities or Social Behavioral Science

**Term Hours:** 14

### Term 2
- **Hours Towards Degree:** 31
- **Hours:** 4
- **Minimum Grade:** C
- **Notes:**
  - CHEM 122: General Chemistry II along with CHEM 124L: General Chemistry II Laboratory or CHEM 132L: Principles of Chemistry
  - MATH 163: Calculus II or MATH 181: Elements of Calculus II
  - ENGL 120: Composition III
  - Minor
  - Second Language

**Term Hours:** 17

### Term 3
- **Hours Towards Degree:** 45
- **Hours:** 3
- **Minimum Grade:** C
- **Notes:**
  - CHEM 301: Organic Chemistry I
  - CHEM 303L: Organic Chemistry Lab I
  - Minor
  - PHYC 151: General Physics
  - PHYC 151L: General Physics Laboratory
  - CJ 130 or PHIL 156 or ENGL 219 or ENGL 220

**Term Hours:** 14

### Term 4
- **Hours Towards Degree:** 59
- **Hours:** 3
- **Minimum Grade:** C
- **Notes:**
  - CHEM 302: Organic Chemistry II
  - CHEM 304L: Organic Chemistry Lab II
  - Minor
  - PHYC 152: General Physics
  - PHYC 152L: General Physics Laboratory
  - Humanities or Social Behavioral Science

**Term Hours:** 14

### Term 5
- **Hours Towards Degree:** 75
- **Hours:** 4
- **Minimum Grade:** C
- **Notes:**
  - CHEM 253L: Quantitative Analysis
  - CHEM 421: Biological Chemistry
  - Minor
  - Humanities or Social and Behavioral Science
  - 2nd Major or Upper Division Elective

**Term Hours:** 16

### Term 6
- **Hours Towards Degree:** 91
- **Hours:** 3
- **Minimum Grade:** C
- **Notes:**
  - CHEM 315: Introductory Physical Chemistry
  - CHEM 425: Organic Chemistry of Biological Pathways
  - CHEM 496: Undergraduate Problems
  - Minor
  - 2nd Major or Upper Division Elective

**Term Hours:** 16
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<th>Term 7</th>
<th>Hours Towards Degree: 107</th>
<th>Hours</th>
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<td>CHEM 495: Undergraduate Problems</td>
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**Crucial course:** (A crucial course is a predictor for success in obtaining this degree. It should be taken in the term indicated in order to ensure timely progress to graduation.)

**Degree Plan Notes**
- Keep in mind that minimum grades on road map are for individual coursework only. Students must maintain a minimum of a 2.0 cumulative grade point average for admission to and graduation from the College of Arts and Sciences. Minimums listed for the individual courses do NOT meet the cumulative minimum.
- Choosing English 219 as the third W/S core course will allow students to also use this course for part of the distributed minor.

- CJ 130 or PHIL 156 or ENGL 219 or ENGL 220s
- ENGL 219: Tech & Professional Writing
- ENGL 219: Tech & Professional Writing
- ENGL 220: Expository Writing
- PHIL 156: Reasoning & Critical Thinking
- CJ 130: Public Speaking