**Major Academic Pathway (MAP)**

**Chemistry, Chemistry Emphasis**  
Bachelor of Science

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<tr>
<th>Fall Semester 1</th>
<th>Spring Semester 1</th>
<th>Summer 1</th>
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</table>
| AChm 120/ or TChm 130 **NS**  
AChm 124  
APhy 140/ or TPhy 141 **NS**  
APhy 145  
AMat 112 or 118 **MS**  
Humanities Gen Ed **HU**  | AChm 121/ or TChm 131  
AChm 125  
APhy 150/ or TPhy151  
APhy 155  
AMat 113 or 119  
Prof Development/Elective  | Consider coursework  
Look for a summer job in the area of your studies |

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<th>Fall Semester 2</th>
<th>Spring Semester 2</th>
<th>Summer 2</th>
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</table>
| AChm 220  
AChm 222  
AMat 214  
APhy 240/241  
Social Science Gen Ed **SS**  
UUnl 205 or 206 **IL**  | AChm 221  
AChm 223  
AChm 225  
US Historical Perspectives Gen **US**  
Writing Intensive Gen Ed **WI**  
Prof Development/Elective  | Consider study abroad options  
Look for shadowing/research opportunities |

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<th>Fall Semester 3</th>
<th>Spring Semester 3</th>
<th>Summer 3</th>
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</table>
| AChm 350  
AChm 352Z  
Foreign Language 1 **FL**  
International Perspectives Gen Ed **IP**  
Art Gen Ed **AR**  | AChm 351  
AChm 353  
AChm 417  
Elective  
Prof Development/Elective  | Summer internship/research |

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<tr>
<th>Fall Semester 4</th>
<th>Spring Semester 4</th>
<th>Congratulations!</th>
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</table>
| AChm 420  
AChm 442 or AChm 342  
Elective  
Elective  
Elective  | Advanced Chemistry Elective  
Elective  
Elective  
Elective  
Prof Development/Elective  | |

**General Education Requirements**, for students matriculating through Summer 2013

- **MS** Mathematics and Statistics
- **WI** Written Discourse
- **AR** Arts
- **HU** Humanities
- **NS** Natural Sciences
- **SS** Social Sciences
- **US** U.S. Historical Perspectives
- **IP** International Perspectives
- **IL** Information Literacy
- **FL** Foreign Language (one semester of collegiate study, or the equivalent, of a foreign language)
- **IP** International Perspectives

**Credit bearing Professional Development Options:**
- RSSW 290, 291 and 390 – Community Service
- Research within major
- University Internship
- Departmental Internship
- Community Engaged Coursework
- Study Abroad
- Tutoring opportunities

**NOTE:** This is a suggested course sequence.

Prepared by Advisement Services - 2012