**CHEMISTRY - CHEMICAL BIOLOGICAL EMPHASIS**  
Major Academic Pathway (MAP)  
Bachelor of Science

<table>
<thead>
<tr>
<th>Fall Semester 1</th>
<th>Spring Semester 1</th>
<th>Summer 1</th>
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| AChm 120 or TChm 130 NS  
AChm 124  
APhy 140 or TPhy 141  
APhy 145  
AMat 112 or 118 MS  
Humanities Gen Ed HU | AChm 121 or TChm 131  
AChm 125  
APhy 150 or TPhy 151  
APhy 155  
AMat 113 or 119  
UUNI 110 WCI | Consider coursework  
Look for a summer job in the area of your studies |
| Fall Semester 2 | Spring Semester 2 | Summer 2 |
| AChm 220  
AChm 222  
ABio 120  
Social Science Gen Ed SS  
Art Gen Ed AR  
Foreign Language 1 FL | AChm 221  
AChm 223  
AChm 225  
A Bio 121  
International Perspectives Gen Ed IP  
U.S. Historical Perspectives US | Consider study abroad options  
Look for shadowing/research opportunities |
| Fall Semester 3 | Spring Semester 3 | Summer 3 |
| AChm 444 (or AChm 350)  
ABio 212Y  
ABio 201  
AChm 352Z  
Elective | AChm 445 (or AChm 351)  
ABio 202  
Elective  
Elective  
Challenges 21st Century Gen Ed CH  
Prof Development/Elective | Summer internship/research |
| Fall Semester 4 | Spring Semester 4 | Congratulations! |
| AChm 420  
AChm 442  
Elective  
Elective | AChm 443  
AChm 446  
AChm 417  
Elective  
Prof Development/Elective | |

**General Education Requirements**, for students matriculating Fall 2014

- **MS** Mathematics and Statistics  
- **WCI** Writing and Critical Inquiry  
- **AR** Arts  
- **HU** Humanities  
- **NS** Natural Sciences  
- **SS** Social Sciences  
- **US** U.S. Historical Perspectives  
- **IP** International Perspectives  
- **FL** Foreign Language (one semester of collegiate study, or the equivalent, of a foreign language)  
- **CH** Challenges for the 21st Century

**Credit bearing Professional Development Options:**  
- RSSW 290, 291 and 390 – Community Service  
- Research within major  
- University Internship  
- Departmental Internship

NOTE: This is a suggested course sequence.  
Prepared by Advisement Services - 2014