# Major Academic Pathway (MAP)
## Chemistry, Chemistry Emphasis
### Bachelor of Science

### Fall Semester 1
- AChm 120/ or TChm 130 **NS**
- AChm 124
- APhy 140/ or TPhy 141
- APhy 145
- AMat 112 or 118 **MS**
- Humanities Gen Ed **HU**

### Spring Semester 1
- AChm 121/ or TChm 131
- AChm 125
- APhy 150/ or TPhy151
- APhy 155
- AMat 113 or 119
- UUNI 110 **WCI**

### Summer 1
- Consider coursework
- Look for a summer job in the area of your studies

### Fall Semester 2
- AChm 220
- AChm 222
- AMat 214
- APhy 240/241
- Social Science Gen Ed **SS**
- UUnl 205 or 206 **IL**

### Spring Semester 2
- AChm 221
- AChm 223
- AChm 225
- US Historical Perspectives Gen Ed **US**
- Challenges 21\textsuperscript{st} Century Gen Ed **CH**
- Prof Development/Elective

### Summer 2
- Consider study abroad options
- Look for shadowing/research opportunities

### Fall Semester 3
- AChm 350
- AChm 352Z
- Foreign Language 1 **FL**
- International Perspectives Gen Ed **IP**
- Art Gen Ed **AR**

### Spring Semester 3
- Advanced Chm lab – (AChm 417/426/430)
- AChm 351
- Elective
- Elective
- Prof Development (Consider Research)

### Summer 3
- Summer internship/research

### Fall Semester 4
- AChm 420
- AChm 442 or AChm 342
- Advanced Chm elective – Consider Research
- Elective
- Elective

### Spring Semester 4
- Advanced Chm lab – (AChm 417/430)
- Elective
- Elective
- Elective
- Prof Development/Elective

### Congratulations!

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**General Education Requirements**, for students matriculating Fall 2013 through Summer 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
- **IL** Information Literacy
- **FL** Foreign Language (one semester of collegiate study, or the equivalent, of a foreign language)
- **CH** Challenges for the 21\textsuperscript{st} Century

**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

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