



**CHEMISTRY -  
CHEMICAL BIOLOGICAL EMPHASIS**



Major Academic Pathway (MAP)  
Bachelor of Science

<p><b><u>Fall Semester 1</u></b></p> <p>AChm 120 or TChm 130 <b>NS</b> AChm 124 APhy 140 or TPhy 141 APhy 145 AMat 112 or 118 <b>MS</b> Humanities Gen Ed <b>HU</b></p>	<p><b><u>Spring Semester 1</u></b></p> <p>AChm 121 or TChm 131 AChm 125 APhy 150 or TPhy151 APhy 155 AMat 113 or 119 UUNI 110 <b>WCI</b></p>	<p><b><u>Summer 1</u></b></p> <p>Consider coursework  Look for a summer job in the area of your studies</p>
<p><b><u>Fall Semester 2</u></b></p> <p>AChm 220 AChm 222 ABio 130 AChm 226 AChm 227 Social Science Gen Ed <b>SS</b></p>	<p><b><u>Spring Semester 2</u></b></p> <p>AChm 221 AChm 223 A Bio 131 Art Gen Ed <b>AR</b> International Perspectives Gen Ed <b>IP</b> U.S. Historical Perspectives <b>US</b></p>	<p><b><u>Summer 2</u></b></p> <p>Consider study abroad options  Look for shadowing/research opportunities</p>
<p><b><u>Fall Semester 3</u></b></p> <p>AChm 444 (or AChm 350—requires AMat 214) ABio 212Y ABio 201 Foreign Language <b>FL</b> Elective</p>	<p><b><u>Spring Semester 3</u></b></p> <p>AChm 445 (or AChm 351—requires AMat 214) ABio 202 AChm 352Z Challenges 21<sup>st</sup> Century Gen Ed <b>CH</b> Elective Prof Development/Elective</p>	<p><b><u>Summer 3</u></b></p> <p>Summer internship/research</p>
<p><b><u>Fall Semester 4</u></b></p> <p>AChm 420 AChm 442 Elective Elective Elective</p>	<p><b><u>Spring Semester 4</u></b></p> <p>AChm 443 AChm 446 AChm 417 Elective Prof Development/Elective</p>	<p><b><u>Congratulations!</u></b></p>

**General Education Requirements, for students matriculating Fall 2014 or later:**

- 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 21<sup>st</sup> 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

NOTE: This is a suggested course sequence.

Prepared by Advisement Services - 2016