

Major Academic Pathway (MAP)

Chemistry 3+2 Engineering

Bachelor of Science

<p><u>Fall Semester 1</u></p> <p>AMat 112/118 - MS AChm 120/130 - NS AChm 124 APHy 140/141- NS APHy145 Foreign Language 2 - FL</p>	<p><u>Spring Semester 1</u></p> <p>AMat 113/119 AChm 121/131 AChm 125 APHy 150/151 APHy 155 Global and Cross Cultural Gen Ed - GC Lower level writing Gen Ed - WI</p>	<p><u>Summer 1</u></p> <p>Consider coursework</p> <p>Look for a summer job in the area of your studies</p>
<p><u>Fall Semester 2</u></p> <p>AMat 214 AChm 220 AChm 222 APHy 240/241 AChm 225 Uni 205/206 - IL</p>	<p><u>Spring Semester 2</u></p> <p>AChm 221 AChm 223 ICsi 201 Social Science Gen Ed – SS Beyond Europe Gen Ed - BE Oral Discourse Gen Ed - OD</p>	<p><u>Summer 2</u></p> <p>Study Abroad?</p> <p>Look for shadowing/research opportunities</p>
<p><u>Fall Semester 3</u></p> <p>AMat 311 AChm 350 AChm 352Z – WI APHy 320 Europe Gen Ed - EU Art Gen Ed - AR</p>	<p><u>Spring Semester 3</u></p> <p>AChm 417 AChm 351 APHy 462 Diversity and Pluralism Gen Ed – DP Humanities Gen Ed - HU Social Science Gen Ed – SS US Historical Perspectives Gen Ed - US</p>	<p><u>Summer 3</u></p> <p>Prepare for Engineering School!</p>

General Education Requirements

Disciplinary Perspectives

- AR** Arts (min. 3 crs.)
HU Humanities (min. 3 crs.)
NS Natural Sciences (min. 6 crs.)
SS Social Sciences (min. 6 crs.)

Cultural and Historical Perspectives

- US** U.S. Historical Perspectives (min. 3 crs.)
EU Europe (min. 3 crs.)
BE Regions beyond Europe (min. 3 crs.)
GC Global and Cross-Cultural Studies (min. 3 crs.)
DP U.S. Diversity and Pluralism (min. 3 crs.)

Communication and Reasoning Competencies

- IL** Information Literacy (min. 1 course)
OD Oral Discourse (min 1 course)
WI Written Discourse:
 --**LL** Lower-level writing (min 1 course)
 --**UL** Upper-level writing (min 1 course)
MS Mathematics and Statistics (one semester of collegiate study, or the equivalent, of mathematics at or above the level of pre-calculus and/or probability, statistics, and data analysis)
FL Foreign Language (two semesters of collegiate study, or the equivalent, of a foreign language)

**Courses selected in the major, minor or as electives may also satisfy General Education requirements