## Major Academic Pathway (MAP)
### Chemistry 3+2 Engineering
#### Bachelor of Science

**Fall Semester 1**
- AMat 112/118 - **MS**
- AChm 120/130 - **NS**
- AChm 124
- APhy 140/141 - **NS**
- APhy 145
- Foreign Language 2 - **FL**

**Spring Semester 1**
- 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**

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

**Fall Semester 2**
- AMat 214
- AChm 220
- AChm 222
- APhy 240/241
- AChm 225
- Uuni 205/206 - **IL**

**Spring Semester 2**
- AChm 221
- AChm 223
- ICSi 201
- Social Science Gen Ed - **SS**
- Beyond Europe Gen Ed - **BE**
- Oral Discourse Gen Ed - **OD**

**Summer 2**
- Study Abroad?
- Look for shadowing/research opportunities

**Fall Semester 3**
- AMat 311
- AChm 350
- AChm 352Z – **WI**
- APhy 320
- Europe Gen Ed - **EU**
- Art Gen Ed - **AR**

**Spring Semester 3**
- 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**

**Summer 3**
- Prepare for Engineering School!

### 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**

NOTE: This is a *suggested* course sequence. Prepared by Advisement Services - 2006