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

### Fall Semester 1
- APhy 140/141 **NS**
- APhy 145/106
- AMat 112/118 **MS**
- ICsi 101
- Foreign Language 2 Gen Ed **FL**
- Humanities Gen Ed **HU**

### Spring Semester 1
- APhy 150/151 **NS**
- APhy 155
- AMat 113
- Europe Gen Ed **EU**
- Arts Gen Ed **AR**
- Social Science Gen Ed **SS**

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

### Fall Semester 2
- APhy 240
- APhy 245
- AMat 214
- AChm 120/130
- AChm 124
- Social Science Gen Ed **SS**
- US Historical Perspectives **US**
- UUnl 205/206 **IL**

### Spring Semester 2
- APhy 250
- AMat 220
- AChm 121/131
- AChm 125
- ICsi 204
- Lower level writing Gen Ed **LL WI**
- Global and Cross Cultural Gen Ed **GC**

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

### Fall Semester 3
- APhy 320
- AMat 314
- APhy 315
- APhy 353
- APhy 460
- Diversity and Pluralism Gen Ed **DP**

### Spring Semester 3
- APhy 330
- AMat 311
- APhy 462
- Upper level writing Gen Ed **UL WI**
- Beyond Europe Gen Ed **BE**
- Oral Discourse Gen Ed **OD**

### Summer 3
- Summer internship?

### 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**

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**NOTE:** This is a suggested course sequence.  
Prepared by Advisement Services - 2010