Major Academic Pathway (MAP)
Alternative Course Sequence

**Computer Science & Applied Mathematics**
Bachelor of Science

### Fall Semester 1
- ICsi 120
- AMat12/118 **MS**
- Social Sciences Gen Ed **SS**
- Information Literacy Gen Ed **IL**
- Humanities Gen Ed **HU**

### Spring Semester 1
- ICsi 101
- AMat 113/119
- Natural Sciences Gen Ed **NS**
- Social Sciences Gen Ed **SS**
- Lower level writing Gen Ed **LL WI**

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

### Fall Semester 2
- ICsi 201
- ICsi 210
- AMat 214
- Foreign Language 1

### Spring Semester 2
- ICsi 310
- AMat 367
- AMat 220
- Foreign Language 2 Gen Ed **FL**
- Arts Gen Ed **AR**

### Summer 2
- Look for shadowing opportunities

### Fall Semester 3
- ICsi 333
- ICsi 401
- MAT elective
- U.S. Historical Perspectives Gen Ed **US**
- Global & Cross Cultural Gen Ed **GC**

### Spring Semester 3
- ICsi 311
- ICsi 402
- ICsi 404
- Natural Sciences Gen Ed **NS**
- Diversity & Pluralism Gen Ed **DP**

### Summer 3
- Summer internship?

### Fall Semester 4
- ICsi 409
- Csi elective
- AMat elective
- Oral Discourse Gen Ed **OD**
- Regions Beyond Europe Gen Ed **BE**

### Spring Semester 4
- ICsi 403
- Csi elective
- Mat elective
- Upper level writing Gen Ed **UL WI**
- Europe Gen Ed **EU**

### 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