## Major Academic Pathway (MAP)
### Alternative Course Sequence

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

<table>
<thead>
<tr>
<th>Fall Semester 1</th>
<th>Spring Semester 1</th>
<th>Summer 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICsi 105</td>
<td>ICsi 201</td>
<td>Look for a summer job in the area of your studies</td>
</tr>
<tr>
<td>AMat 112/118 MS</td>
<td>AMat 113/119</td>
<td>Consider study abroad options</td>
</tr>
<tr>
<td>Social Sciences Gen Ed SS</td>
<td>Natural Sciences Gen Ed NS</td>
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<tr>
<td>Information Literacy Gen Ed IL</td>
<td>Writing Intensive Gen Ed WI</td>
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<tr>
<td>Humanities Gen Ed HU</td>
<td>Prof Development/Elective</td>
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</tbody>
</table>

**Fall Semester 2**
- ICsi 210
- AMat 214
- AMat 220
- Foreign Language 1 FL

**Spring Semester 2**
- ICsi 310
- AMat 367
- Arts Gen Ed AR
- Additional AR/HU/SS/NS/US/IP/FL
- Prof Development/Elective

**Summer 2**
- Look for shadowing opportunities

**Fall Semester 3**
- ICsi 333
- ICsi 401
- AMat upper level elective
- U.S. Historical Perspectives Gen Ed US
- Elective

**Spring Semester 3**
- ICsi 311
- ICsi 402
- ICsi 404
- International Perspectives Gen Ed IP
- Prof Development/Elective

**Summer 3**
- Summer internship?

**Fall Semester 4**
- ICsi 409
- Csi restricted elective
- Mat upper level elective
- Elective
- Elective

**Spring Semester 4**
- ICsi 403
- Csi restricted elective
- Mat upper level elective
- Elective
- Prof Development/Elective

**Summer 4**
- Congratulations!

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**General Education Requirements, for students matriculating through Summer 2013**

- **MS** Mathematics and Statistics
- **WI** Written Discourse
- **AR** Arts
- **HU** Humanities
- **NS** Natural Sciences
- **SS** Social Sciences
- **US** U.S. Historical Perspectives
- **IP** International Perspectives
- **IL** Information Literacy
- **FL** Foreign Language (one semester of collegiate study, or the equivalent, of a foreign language)
- **Additional course** in AR, HU, NS, SS, US, IP, FL

**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

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NOTE: This is a suggested course sequence.