

## Major Academic Pathway (MAP)

### Computer Science

Bachelor of Science

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| <p><b><u>Fall Semester 1</u></b></p> <p>ICsi 201<br/>AMat112/118 <b>MS</b><br/>Humanities Gen Ed <b>HU</b><br/>Social Sciences Gen Ed <b>SS</b><br/>UUnl 205 <b>IL</b></p>       | <p><b><u>Spring Semester 1</u></b></p> <p>ICsi 310<br/>AMat 113/119<br/>U.S. Diversity &amp; Pluralism Gen Ed <b>DP</b><br/>Social Sciences Gen Ed <b>SS</b><br/>Writing Intensive Gen Ed <b>LL WI</b></p> | <p><b><u>Summer 1</u></b></p> <p>Look for a summer job in the area of your studies</p> <p>Consider study abroad options</p> |
| <p><b><u>Fall Semester 2</u></b></p> <p>ICsi 333<br/>ICsi 210<br/>APhy 140 <b>NS</b><br/>APhy 145<br/>Foreign Language 1</p>   | <p><b><u>Spring Semester 2</u></b></p> <p>ICsi 311<br/>ICsi 402<br/>AMat 220<br/>APhy 150 <b>NS</b><br/>APhy 155<br/>Foreign Language 2 Gen Ed <b>FL</b></p>   | <p><b><u>Summer 2</u></b></p> <p>Look for shadowing opportunities</p>   |
| <p><b><u>Fall Semester 3</u></b></p> <p>ICsi 401<br/>ICsi 409<br/>AMat 367<br/>APhy 240 or Science Seq. 1<br/>Europe Gen Ed <b>EU</b></p>  | <p><b><u>Spring Semester 3</u></b></p> <p>ICsi 300Z <b>UL WI</b><br/>ICsi 403<br/>APhy 250/415 or Science Seq. 2<br/>U.S. Historical Perspectives Gen Ed <b>US</b><br/>Arts Gen Ed <b>AR</b></p>           | <p><b><u>Summer 3</u></b></p> <p>Summer internship?</p>   |
| <p><b><u>Fall Semester 4</u></b></p> <p>Csi restricted elective<br/>Oral Discourse Gen Ed <b>OD</b><br/>Global and Cross Cultural Gen Ed <b>GC</b><br/>Elective<br/>Elective</p> | <p><b><u>Spring Semester 4</u></b></p> <p>ICsi 404<br/>Csi restricted elective<br/>Regions Beyond Europe Gen Ed <b>BE</b><br/>Mat upper level elective<br/>Elective</p>                                    | <p><b><u>Congratulations!</u></b></p>   |

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

### 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)