****

*College of Science & Health Professions*

B.S. Computer Science Road Map

**First Year**

|  |  |
| --- | --- |
| **Fall Semester** | **Spring Semester** |
| CS 2014 Computer Science I | CS 2163 Computer Science II |
| H ED 1113 Personal Health or NUTR 1653 Basic Nutrition | MATH 3023 Discrete Mathematics |
| MATH 1513 College Alg. (if necessary) otherwise free elective | \*\*\*Physical Science |
| ENGL 1113 Freshman Composition I | ENGL 1213 Freshman Composition II |
| UNIV 1003 University Strategies | Free Elective (3 hours) |
| **Total Hours 17** | **Total Hours 15** |

**Second Year**

|  |  |
| --- | --- |
| **Fall Semester** | **Spring Semester** |
| CS 3403 Data Structures | CS 3033 Object Oriented Programming |
| CS Group A or B Elective | Minor Course |
| Minor Course | \*\*\*Humanities (First Course) |
| \*\*\*Biological Science | \*\*\*Communications Course |
| POLS 1113 American Federal Government | HIST 1483 or 1493 American History |
| **Total Hours 15** | **Total Hours 15** |

**Third Year**

|  |  |
| --- | --- |
| **Fall Semester** | **Spring Semester** |
| CS 3173 Basic Computer Architecture | CS 3343 Computer Operating Systems |
| CS Group A or B Elective | CS 4343 Database Management System |
| Minor Course | ENGL 3083 Technical Writing |
| \*\*\*Humanities (Second Course) | Minor Course |
| \*\*\*Global Perspectives Course | Free Electives (3 hours) |
| \*\*\*Social and Behavioral Sciences Course |  |
| **Total Hours 18** | **Total Hours 15** |

**Fourth Year**

|  |  |
| --- | --- |
| **Fall Semester** | **Spring Semester** |
| CS 4203 Software Engineering | CS 4233 Professional Development in CS |
| CS Group B Elective | CS Group B Elective |
| Minor Course | Minor Course |
| Free Electives (6 hours) | Free Elective (5 hours) |
| **Total Hours 15** | **Total Hours 14** |

**Total Degree Plan Hours 124**

\*\*\* See current catalog “General Requirements” for selection.

Note: Courses which *may* be offered during the fall and spring based on need include CS 2014 and CS 2163.

June 2021