

**Major Courses**

| Course | No. | Course Title                                | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|---|---------|----------------|-----------------------|
| CS     | 101 | Intro to Computers & Information Technology | 5       |                |                       |
| CS     | 102 | Programming Fundamentals <b>or</b>          | 5       |                |                       |
| CS&    | 131 | Computer Science I C++                      | 5       |                |                       |
| CS     | 106 | Database Systems                            | 5       |                |                       |
| CS     | 117 | Computer Ethics                             | 2       |                |                       |
| CS     | 118 | Customer Service                            | 3       |                |                       |
| CS     | 150 | Computer Security                           | 5       |                |                       |
| CS     | 228 | Windows Server                              | 5       |                |                       |

**Subtotal 30**

**Major Support**

| Course | No. | Course Title                         | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|--------------------------------------|---------|----------------|-----------------------|
| CS&    | 141 | Computer Science I Java              | 5       |                |                       |
| CS     | 162 | C++2 <b>or</b>                       | 5       |                |                       |
| CS     | 202 | Programming Fundamentals 2           | 5       |                |                       |
| CS     | 206 | Database Design                      | 5       |                |                       |
| CS     | 221 | SQL Server Administration            | 5       |                |                       |
| CS     | 225 | SQL Server Programming               | 5       |                |                       |
| CS     | 232 | Network Security                     | 5       |                |                       |
| CS     | 236 | Advanced Object Oriented Programming | 5       |                |                       |
| CS     | 250 | HTML5-JavaScript/Jquery              | 5       |                |                       |

**Subtotal 40**

**General Education**

| Course   | No.  | Course Title                                 | Credits | Qtr. Completed | Comments/Substitution |
|--|--|--|---------|----------------|-----------------------|
| ENGL&  | 101  | English Composition I                        | 5       |                |                       |
| MATH&  | 141, 142, 144, 146, 148, 151, 152, <b>or</b> 153 |  | 5       |                |                       |
| <b>Psychology <b>or</b> Sociology (select 5 credits)</b> |  |  |         |                |                       |
| PSYC&  | 100+   | General Psychology <b>or</b> above <b>or</b> | 5       |                |                       |
| SOC&   | 101  | Intro to Sociology <b>or</b>                 | 5       |                |                       |
| SOC&   | 201  | Social Problems                              | 5       |                |                       |
| <b>Communication Studies (select 5-6 credits)</b>        |  |  |         |                |                       |
| CMST   | 104  | Speech Essentials <b>and</b>                 | 3       |                |                       |
| CMST   | 110  | Communication Behavior <b>or</b>             | 3       |                |                       |
| CMST&  | 210  | Interpersonal Communication <b>or</b>        | 5       |                |                       |
| CMST&  | 220  | Public Speaking <b>or</b>                    | 5       |                |                       |
| CMST   | 260  | Multicultural Communication                  | 5       |                |                       |

**Subtotal 20-21**

**Total Credits Required 90-91**

Note: MATH 094 or MATH 095 or MATH 098 or MATH 050 or MATH 070 or MATH 072 with a minimum grade of 2.0 is a prerequisite for all programming classes.

Students must receive a minimum 2.5 grade in all Computer Science courses.