**Bachelor of Science**
**Major: Computer Science**
**2023-2024 Sample 4-Year Plan**

MATH 123      For official program

| | | | | | |
|---|---|---|---|---|---|
| | Calculus I (SGR #5) | p. Placement | 4 | | |
| SGR #4 | Arts & Humanities (SGR #4) | | 3 | | |
| | | **Total Credit Hours** | 15 | | |

**Spring**

| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
|---|---|---|---|---|---|
| CMST 101 | Foundations of Communications (SGR #2) | | 3 | | |
| CSC 250 | Computer Science II | | 3 | | |

**Information Subject to Change.  This is not a contract.**

p. = Course Prerequisite
Semester: F = Fall, S = Spring, SU = Summer

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## Third Year

**Fall**

| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
|---|---|---|---|---|---|
| CSC 354 | Systems Programming | p. CSC 346 (>= C) | 3 | F | |
| Natural Science | Choose one of the following: | BIOL 151/ CHEM 112/PHYS 111/PHYS 207 | 4 | | |
| SE 305 | Foundations Of Software Engineering | p. CSC 300, (>= C) | 3 | F | |
| SGR #3 | Social Sciences (SGR #3) | | 3 | | |
| STAT 281 | Statistical Methods I | p. MATH 103 or higher | 3 | | |
| | | **Total Credit Hours** | 16 | | |

**Spring**

| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
|---|---|---|---|---|---|
| CSC 461 | Programming Language | p. CSC 300, (>= C) | 3 | S | |
| CSC 484 | Database Management | p. CSC 300, (>= C) | 3 | S | |
| MATH 374 | Scientific Computation I | p. CSC 150, MATH 125 | 3 | | |
| SE 306 | Software Project Management and Testing | p. SE 305, (>= C) | 3 | S | |

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p. = Course Prerequisite
Semester: F = Fall, S = Spring, SU = Summer

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