# COMPUTER SCIENCE MINOR

The Minor in Computer Science provides a significant introduction to computer programming. Students complete the core programming sequence giving them more formal knowledge than most practicing software developers. The minor is designed so students without any programming experience can succeed. Due to a long prerequisite chain, the minor takes at least four semesters to complete.

## Course Requirements for the Minor

The following courses, or their approved transfer equivalents, are required of all candidates for this minor.

| Course | Title | Units |
|---|---|---|
| CSCI 111 | Programming and Algorithms I | 4 |
| CSCI 211 | Programming and Algorithms II | 4 |
| CSCI/MATH 217 | Discrete Mathematics | 3 |
| CSCI 311 | Algorithms and Data Structures | 4 |
| CSCI 430 | Software Engineering | 3 |
| Select two of the following: | | 6 |
| | Upper-division Computer Science (CSCI) or Computer Information Systems (CINS) courses [1] | |
| **Total Units** | | **24** |

[1]  Except CINS 490, CSCI 301W, CSCI 344, CSCI 345, CSCI 398, CSCI 399, CSCI 490, CSCI 498, CSCI 499, and CSCI 598.

One course may be from another department as long as the course has significant computational content, as determined by the Chair of the Department of Computer Science. Courses must be taken for a letter grade.