

**College of Engineering
 Department of Computer Science
 Minor in Computer Science
 Students Graduating in Calendar Year 2020**

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|-----------|--|---|-----------------|
| CS 1114 | Introduction to Software Design <i>Pre: none</i> | 3 | _____ |
| CS 2114 | Software Design and Data Structures <i>Pre: CS 1114 (C) or CS 1124 (C)</i> | 3 | _____ |
| MATH 2534 | Introduction to Discrete Mathematics <i>Pre: CS 1114 (C) or ECE 1574 (C-); MATH majors take MATH 3034</i> | 3 | _____ |
| CS 2505 | Introduction to Computer Organization <i>Co: MATH 2534 or 3034; Pre: CS 2114 (C)</i> | 3 | _____ |
| CS 3114 | Data Structures and Algorithms <i>Pre: CS 2114 (C), CS 2505 (C), MATH 2534 or 3034</i> | 3 | _____ |
| CS 3/4XXX | CS Elective <i>Pre: see class timetable</i> | 3 | _____ |
| CS 3/4XXX | CS Elective <i>Pre: see class timetable</i> | 3 | _____ |
| Total | | | <u>21 hours</u> |

Additional Requirements and Comments

- A. CS minors must earn at least a "C" (2.0) in CS 1114, CS 2114, and CS 2505.
- B. Students must have a CS minor GPA of at least 2.0 to successfully complete the minor. The CS minor GPA includes all courses with the CS designator.
- C. The following course is not allowed for CS minor credit: CS 3604.
- D. Student must be in a degree-granting major before declaring the minor.
- E. CS Department accepts the following substitutions for the CS minor:
 - ECE 1574 will substitute for CS 1114.
 - ECE 2574 will substitute for CS 2114.
 - ECE 2504 will substitute for CS 2505.