

## Computer and Information Science Minor

- Computer & Information Science minor requires a minimum of five courses (20 credits).
- A minimum of 16 credits must be taken outside the student's major requirement.
- Up to two courses may be transferred from other institutions.
- Completion of a CIS minor requires a grade of C or higher in all required courses for the minor.

Students must complete 20 credits as follows:

### All of the following four Courses (16 Credits)

CS2510	Computer Programming I	4
CS2511	Computer Programming II	4
CS3810	Data Structures & Algorithms	4
CS4501	Software Engineering	4

### Elective: One Upper Division Computer Science Course (4 Credits)

Take one 4000 or 5000 level computer science course (excluding CS4100 Technical Communications): CS4xxx Or CS5xxx.

Please note that the above CS courses require mathematics prerequisites, including MA2090 and MA3030. Also note that where MA2090 is listed as a prerequisite, MA2080 is allowed as a substitute. Where MA2310 is listed as a prerequisite, MA2300 can be substituted.