

Computer Science Minor

Computing and application software play an important role in virtually any major and any career choice. The primary goal of the Computer Science Minor is to provide an introduction to computing topics that can be used by students in all majors to supplement their primary area of study by acquiring the computing skills and understanding necessary to take maximum advantage of software applications both general and discipline-focused. This minor guides students in developing skills and understanding in the following areas:

- fundamental concepts of computer science, including systems, algorithms, programming languages, and application software ;
- programming skills including sound design methodologies, a programming language and its major constructs, and testing and performance evaluation;
- additional computing topics chosen to complement individual interests and/or specific disciplinary software that may give students a major edge in future employment - choices include web-based software development, embedded systems, databases, networking, software engineering, and data visualization. For a full list of possibilities, go to the Computer Science Major page.

The Computer Science Minor is appropriate for students who anticipate that computing knowledge and skills will have a prominent role to play in their academic and professional careers. For additional information go to the Computer Science Department website.

The minor in Computer Studies consists of five courses (17-20 credits):

- CSC 105 Survey of Computer Science (4 cr.) _____
- **★** CSC 110 Software Design and Programming I (4 cr.) _____
- CSC 115 Software Design and Programming II (4 cr.) _____

Elective courses (2 courses):

Two courses chosen in consultation with the Computer Science Department chairperson, selected from CSC course offerings numbered above CSC 115.

- CSC _____
- CSC _____

★ Students who have completed ITE 205 **must** substitute any CSC course numbered above CSC 115 for CSC 110.