Computer Science

Minor

A minor in Computer Science consists of 24 credit hours (six courses). [Depending on mathematical preparation, the student may need to take up to an additional 8 hours (two courses) of mathematics.]

Computer Science Core Courses

20 semester hours (five courses) from computer science including:

Item #	Title	Credits
CS 160	Introduction to Computer Science	4.0
CS 170	Introduction to Data Structures	4.0
CS 260	Data Structures and Algorithms	4.0
CS 270	Software Development	4.0
	Sub-Total Credits	20

Elective

A minimum of one elective course (4 hours) from the following:

Item #	Title	Credits
CS 250	Programming Practicum	1.0-4.0
CS 280	Computer Organization and Architecture	4.0
CS 350	Concepts of Programming Languages	4.0
CS 360	Theory of Computation	4.0
CS 380	Operating Systems	4.0
CS 410	Computer Networking	4.0
CS 420	Artificial Intelligence and Expert Systems	4.0
CS 440	Computer Graphics Programming	4.0
CS 460	Theory of Database Systems	4.0
CS 485	Senior Seminar	4.0
	Sub-Total Credits	4

Other Requirements

MA 201 as a tool for the minor.

Item #	Title	Credits
MA 201	Discrete Mathematics	4.0
	Sub-Total Credits	4

If a student does not place into MA 201, then the student may need to take 4 to 8 additional credit hours (one or two courses) from MA 103 and MA 133.

	Title	Credits
	Total Credits	28