

Computer Science Department

College of Science & Health/UW-La Crosse

Requirements for a C-S Major (40 C-S credits)

Required Courses: (*Offered during fall & spring semester unless noted*)

- C-S 120 Software Design I (4 cr.)
- C-S 220 Software Design II
- C-S 270 Assembler Programming & Intro to Comp Organization
- C-S 340 Software Design III: Abstract Data Types
- C-S 341 Software Design IV: Software Engineering
- C-S 370 Computer Architecture
- C-S 421 Programming Language Concepts
- C-S 441 Operating System Concepts
- C-S 442 Structure of Compilers (*only offered spring semester*)

Elective C-S Courses: (*12 credits required - not more than 3 credits may be 200 levels*)

Course No.	Credit	Course No.	Credit
<input type="checkbox"/> _____	_____	<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____	<input type="checkbox"/> _____	_____

** The department has been approved to be a "Writing-in-the-Major" program. This means the general education required writing emphasis courses will be fulfilled during the completion of your computer science courses. No additional courses are required. **

Other Requirements:

- MTH 207 Calculus and Analytic Geometry I
- MTH 208 Calculus II: Calculus w/Linear Algebra & Differential Equations
- MTH 225 Mathematical Logic

Core Requirements for the College of Science & Health:
(*in addition to C-S requirements*)

BS with minor or second major (*See catalog for details*)
Complete any minor or second major for any college in the university.

BS non-minor (*See catalog for details*)
Complete 18 credits at the 300 or 400 level in courses outside the C-S Department from any college in the university. Internship credits normally do "not" fulfill this requirement.

This document is intended to be used as an aid in building a schedule for completion of the bachelor of science degree with a computer science major at the University of Wisconsin-La Crosse. The information in this brochure is subject to change without notice.