

COMPUTER SCIENCE MINOR

<https://ceps.unh.edu/computer-science/program/minor/computer-science>

Description

The minor in computer science is designed for students in other majors who want to learn the fundamentals of designing and implementing computer software.

Credit toward the minor will be given only for courses passed with C- or better, and a 2.0 grade-point average must be maintained in courses for the minor. Courses taken on the pass/fail basis may not be used for the minor. Students should declare their intent to earn a minor as early as possible and no later than the end of the junior year. During the final term, an application should be made to the dean of the student's major college to have the minor shown on the academic record. Students must consult with their major adviser and also the minor supervisor.

Requirements

Code	Title	Credits
Requirements		
Select one of the following:		
CS 415 & CS 416	Introduction to Computer Science I and Introduction to Computer Science II	8
or CS 414 & CS 417	From Problems to Algorithms to Programs and From Programs to Computer Science	
or CS 410P & CS 417	Introduction to Scientific Programming/Python and From Programs to Computer Science	
or CS 410C & CS 417	Introduction to Scientific Programming/C and From Programs to Computer Science	
CS 515	Data Structures and Introduction to Algorithms	4
Other Courses		
Select two of the following:		
CS 619	Introduction to Object-Oriented Design and Development	
CS 520	Assembly Language Programming and Machine Organization	
CS 620	Operating System Fundamentals	
CS 659	Introduction to the Theory of Computation ¹	
CS 761	Programming Language Concepts and Features	
An approved CS 700-level course		

¹ CS 659 Introduction to the Theory of Computation has mathematics prerequisites: MATH 425 Calculus I, MATH 426 Calculus II, and MATH 531 Mathematical Proof.