

MINOR IN COMPUTER SCIENCE

Computer science and programming skills are in high demand in every field. Most jobs now require them.

A minor in Computer Science will give students a foundation in software development, programming, and computer and information theory. Students will begin with a gradual introduction to programming and data structures. Then students can take courses in an area of emphasis that complements their current degree.

This customized minor can significantly boost a student's career opportunities and success.

Computer Science has competitive entrance requirements. Please contact a department advisor for more information.

Learning Objectives

Students successfully completing this program will be able to:

1. Solve computational problems related to their primary field of study.
2. Design and implement software related to their programs of study.

Requirements

Effective Fall 2023

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

A minimum grade of C (2.000) is required in all courses required for the minor.

Code	Title	Credits
Lower Division		
Select one course from the following:		2-4
CS 162	CS1–Introduction to Java Programming	
CS 163	CS1--No Prior Programming Experience	
CS 164	CS1–Computational Thinking with Java	
CS 165	CS2–Data Structures	4
Select one course from the following:		3-4
CS 214	Software Development	
CS 220	Discrete Structures and the Applications	
CS 250	Computer Systems Foundations	
CS 253	Software Development with C++	
CS 270	Computer Organization	
Upper Division		
CS***	Courses numbered 300- or above ¹	12
Program Total Credits:		21-24

¹ Excluding CS 480-499.