

# MINOR IN COMPUTER SCIENCE

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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
<b>Lower Division</b>		
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 their Applications	
CS 250	Computer Systems Foundations	
CS 253	Software Development with C++	
CS 270	Computer Organization	
<b>Upper Division</b>		
CS***	Courses numbered 300- or above <sup>1</sup>	12
<b>Program Total Credits:</b>		<b>21-24</b>

<sup>1</sup> Excluding CS 480-499.