

Computer Science, Minor

The program provides the student with entry level programming instruction, and an overview of some portions of the program.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		18
Discipline Core Requirements		9
		Credits
CS 1400	Fundamentals of Programming	3
CS 1410	Object Oriented Programming	3
CS 2420	Introduction to Algorithms and Data Structures	3
Elective Requirements		9
		Credits
Complete at least three CS courses numbered 3060 or above		9

Graduation Requirements

- To fill the requirements for a computer science minor, students must have no course grade lower than C- in any of the CNS courses required for the computer science minor.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year		
Semester 1		Credit Hours
CS 1400	Fundamentals of Programming	3
	Credit Hours	3
Semester 2		
CS 1410	Object Oriented Programming	3
	Credit Hours	3
Second Year		
Semester 3		
CS 2420	Introduction to Algorithms and Data Structures	3
	Credit Hours	3
Semester 4		
CS Elective		3
	Credit Hours	3
Third Year		
Semester 5		
CS Elective		3
	Credit Hours	3
Semester 6		
CS Elective		3
	Credit Hours	3
	Total Credit Hours	18

Program Learning Outcomes

- Analyze simple computing problems in order to identify solutions.
- Design a computing-based solution given a set of simple requirements.
- Implement a computing-based solution given a set of simple requirements.
- Implement linear and non-linear data structures.