

# Computer Science Minor

## Computer Science Minor Requirements

18 credits

Code	Title	Hours
<b>Computer Science Minor Requirements</b>		
CS 1400	Fundamentals of Programming	3
CS 1410	Object Oriented Programming	3
CS 2420	Introduction to Algorithms and Data Structures	3
<b>Computer Science Elective Courses</b>		
Complete 3 courses from the following:		
CS 2100	Discrete Structures	3
CS 2450	Software Engineering	3
CS 2810	Computer Organization and Architecture	3
CS 3005	Programming in C++	3
SE 3010	Mobile Application Development for Android	3
SE 3020	Mobile Application Development for iOS	3
SE 3100	Software Practices	3
SE 3200	Web Application Development I	3
SE 4200	Web Application Development II	3
CS 3400	Operating Systems	3
CS 3410	Distributed Systems	3
CS 3500	Game Development	3
CS 3510	Algorithms	3
CS 3520	Programming Languages	3
CS 3530	Computational Theory	3
CS 3600	Graphics Programming	3
CS 4300	Artificial Intelligence	3
CS 4307	Database Systems	3
CS 4550	Compilers	3
CS 4990	Special Topics in Computer Science	3

## Completion Requirements

- Complete all courses that fulfill requirements in the minor with a grade C or higher.

## Notes:

An academic minor is an attribute of a baccalaureate degree, not an entity by itself, and can only be awarded at the same time a student graduates with a bachelor's degree. Students must declare a minor prior to submitting a graduation application. A minor may not be added to a previously awarded degree. Students must complete the minor requirements prior to or concurrent with completion of their bachelor's degree requirements. Minors are not available with associate's degrees.

Students may not declare a minor that is in the same discipline as their major. Example: English majors cannot declare any English minor.

Integrated Studies majors may not have an academic minor in the same discipline as either of their two declared emphases. Example: An Integrated Studies major with emphases in English and Spanish cannot receive a minor in either English or Spanish.