

COMPUTER SCIENCE MINOR

Banner Code: CS

Academic Advising

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Admissions & Policies

Admissions

Declaring a CS Minor

Students requesting a Computer Science Minor must have completed CS 112 Introduction to Computer Programming (Mason Core) or CS 211 Object-Oriented Programming with a grade of B or better.

Policies

Grades

No more than 3 credits of D grades may be used to satisfy requirements for the Computer Science Minor.

Program Requirements

The minor in computer science requires completion of at least 19 credits. Students should pay careful attention to prerequisites when selecting courses.

For policies governing all minors, see AP.5.3.4 Minors.

Requirements

Minor Requirements

Total credits: 19-20

Required Courses

CS 112	Introduction to Computer Programming (Mason Core)	4
CS 211	Object-Oriented Programming	3
CS 310	Data Structures	3
Total Credits		10

Additional Computer Science Courses

Select three from the following: 9-10

CS 222	Computer Programming for Engineers
or CS 262	Introduction to Low-Level Programming
CS 306	Synthesis of Ethics and Law for the Computing Professional (Mason Core)
CS 321	Software Engineering
CS 325	Introduction to Game Design
CS 330	Formal Methods and Models
CS 332	Object-Oriented Software Design and Implementation

CS 367	Computer Systems and Programming
CS 450	Database Concepts
CS 451	Computer Graphics
CS 455	Computer Communications and Networking
CS 463	Comparative Programming Languages
CS 465	Computer Systems Architecture
CS 468	Secure Programming and Systems
CS 471	Operating Systems
CS 480	Introduction to Artificial Intelligence
CS 483	Analysis of Algorithms
CS 484	Data Mining

Total Credits 9-10