COMPUTER SCIENCE MINOR

Banner Code: CS

Academic Advising

Phone: 703-993-1530
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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) (http://catalog.gmu.edu/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. Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00.

For policies governing all minors, see AP.5.3.4 Minors (http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4).

Requirements

Minor Requirements

Total credits: 19-20

Required Courses

Code	Title	Credits
CS 112	Introduction to Computer Programming (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
or CS 108 & CS 109	Intro to Computer Programming, Part A and Intro to Computer Programming, Part B	
CS 211	Object-Oriented Programming	3
CS 310	Data Structures	3
Total Credits		10

Additional Computer Science Courses

Code	Title	Credits
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) (http://catalog.gmu.edu/mason-core/)	
CS 321	Software Engineering	
CS 325	Introduction to Game Design	
CS 330	Formal Methods and Models	
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	
SWE 419	Object-Oriented Software Design and Implementation	
or CS 332	Object-Oriented Software Design and Implementation	
Total Credits		9-10