MINOR IN COMPUTER SCIENCE

The minor in computer science is for students in other GW schools as well as other majors within the School of Engineering and Applied Science. The curriculum consists of two segments: core courses and electives whose purpose is to provide the student with depth in an area of computer science. 18 credits are required for the minor.

Visit the program website (https://www.cs.seas.gwu.edu/minor-computer-science) for additional information.

ADMISSION

Visit the School of Engineering and Applied Science (https://www.cs.seas.gwu.edu/admission-computer-science-second-major-or-minor) website for minor in computer science admission criteria.

REQUIREMENTS

This Bulletin covers the degree requirements for students matriculating in the current academic year. Students who matriculated before the current year can find their requirements in the relevant archived Bulletin (http://archives/).

The following requirements must be fulfilled: 18 credits, including 12 credits in required courses and 6 credits in elective courses. At least 15 of these credits must be in computer science courses completed at GW.

Graduation grade-point average criteria—To satisfactorily complete a minor in computer science, a student must have a minimum grade-point average of 2.2 in all the computer science courses.

Code	Title	Credits
Required		
CSCI 1111	Introduction to Software Development	
CSCI 1112	Algorithms and Data Structures	
CSCI 1311	Discrete Structures I	
CSCI 2113	Software Engineering	
Electives		
A minimum of two CSCI elective courses requiring CSCI 2113 or above as a prerequisite; CSCI 2441, CSCI 2441W, CSCI 2460, CSCI 6561 and CSCI 6562 are the only exceptions to the prerequisite rule. Possible courses include:		
CSCI 2441	Database Systems and Team Projects	
CSCI 2441W	Database Systems and Team Projects	
CSCI 2460	Introduction to Computer Systems	
CSCI 4331	Cryptography	
CSCI 4341	Continuous Algorithms	
CSCI 4342	Computational Linear Algebra and Applications	
CSCI 4364	Machine Learning	
CSCI 4431	Computer Networks I	
CSCI 4431W	Computer Networks I	
CSCI 4454	Augmented and Virtual Reality	
CSCI 4531	Computer Security	
CSCI 4541	Network Security	
CSCI 4554	Computer Graphics I	
CSCI 4561	Design of User–Interface Programs	
CSCI 6561	Design of Human–Computer Interface	
CSCI 6562	Design of Interactive Multimedia	
Other electives can be substituted with the approval of the program advisor. Students who switch from a computer science (BS) major to a minor can count one or two of CSCI 2410, CSCI 3401 and CSCI 2541 or CSCI 2541W toward the minor elective requirement.		