

Certificate

Cybersecurity Certificate

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This online certificate program, which may be completed in one year, is designed to train working professionals (in computer science and related fields) in cybersecurity. The courses offered under this program may be taken by current students or new students. A student must first apply to the certificate program and be admitted to the program to be eligible to receive the certificate.

A student admitted to this program may subsequently apply for the MS in Computer Science. If admitted, the courses taken during the certificate program may be considered towards the MS program.

Curriculum Requirements

Candidates for the program must at least have a 4-year bachelor’s degree from an accredited academic institution. The program requires a student to take four courses (or 12 credits). Each course has a normal letter grade, and the student is expected to obtain a C or better in each course and maintain a 3.0 GPA overall. *The current offerings are listed below, but additional electives may be added in future.*

All students are required to take CS 562. Students can choose any three of the remaining courses listed below.

Required Course		
CS 562	Cybersecurity Fundamentals	3
Select three of the following:		9
CS 563	Cryptography for Cybersecurity	
CS 564	Networked Systems Security	
CS 565	Information Assurance for Cybersecurity	
CS 569	Data Analytics for Cybersecurity	
Total Credit Hours		12