

CYBERSECURITY CERTIFICATE

Department website (<https://www.uwp.edu/learn/programs/cybersecurity.cfm>)

College: College of Business, Economics, and Computing

The computer science department offers a certificate in cybersecurity for students interested in careers as a security analyst or information systems auditor, or for students who wish to enhance their programming or IT careers. With the growth of computer networking and the web, cybersecurity has become of increasing importance to all organizations and users. Our certificate gives students a background in securing web applications, computers, servers, networks and organizations in general. The certificate is supported by a dedicated laboratory that is isolated from the rest of the campus network, allowing students to gain practical hands-on knowledge of the tools used to both attack and defend computers.

Undergraduate certificates are not available to students registered for graduate programs.

Program Learning Outcomes

1. Design, develop, test, and implement software using industry leading practices, and/or;\n\n
2. Develop information technology technical solutions.
3. Design and implement organizational and IT control mechanisms that lead to a reliable and secure information system.

Requirements for the Cybersecurity Certificate

Student must have successfully completed CSCI 241 and CSCI 242 or MIS 327 and MIS 328 to be eligible to be accepted into this certificate program.

All certificate credits must be taken at UW-Parkside.

Code	Title	Credits
Select three of the following:		9
CSCI 279	Basic Information Security	
or CSCI 479	Information Security Planning	
CSCI 445	Web Application Security	
CSCI 477	Computer Communications and Networks	
or MIS 424	Advanced Business Data Communications	
CSCI 478	Network Security	
CSCI 481	Security Risk	
Total Credits		9

University Requirements for Undergraduate Certificates

Course work in a certificate must be completed with a minimum 2.00 GPA. Departments or programs may require a higher GPA.

A minimum of 9 credits in a certificate program must be taken at UW-Parkside. Individual departments and programs may require more than 9 credits to be taken at UW-Parkside.