WESTERN ILLINOIS UNIVERSITY

WIU CS/Cybersecurity Group

Western Illinois University (WIU), an Illinois public university founded in 1899, provides student-centered graduate and undergraduate programs through innovative teaching, research, and community service. Over the years, WIU has been consistently recognized as a military-friendly university. WIU offers more than 100 programs, including a B.S. in Cybersecurity in the School of Computer Sciences, College of Business and Technology.

Along with Cybersecurity, the School also offers programs in Computer Sciences and Information Systems. The School provides the opportunity for Cybersecurity freshman and transfer scholarships in addition to various other Computer Sciences discipline-specific scholarships. The School has more than 20 faculty members with advanced degrees, such as Ph.D., several research publications, published books, and industry certifications.

DESIGNATIONS

• CAE-Cyber Defense

CONTACT INFORMATION

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The Cybersecurity program offers a unique blend of technical and non-technical aspects of cybersecurity, harnessing the expertise from multiple programs offered by the School. Our four-year B.S. in Cybersecurity has achieved the coveted National Security Agency (NSA) CAE-CD designation in Cyber Defense. We designed the program to prepare students to enter the cybersecurity workforce to serve in national defense, safeguard critical infrastructure, and protect industrial information systems.

Our curriculum gets revised regularly with input from the advisory board to provide cybersecurity skills and knowledge vital to tackle the ever-increasing challenges of the cybersecurity landscape. Furthermore, the School hosts a dedicated cybersecurity lab facility for providing hands-on experience.

Our cybersecurity program is built on the foundations of computer science, offering a comprehensive major in Cybersecurity, to enable students to choose most of their coursework from a variety of Cybersecurity-related courses, e.g., networking fundamentals, Linux system administration, advanced network security, secure coding, penetration testing, ethical hacking, wireless LAN and security, network performance analysis, and information assurance.

The faculty members teaching within the Cybersecurity program actively participate in student learning and proactively advise Cybersecurity student club activities.