BACHELOR OF SCIENCE IN COMPUTER NETWORKS AND CYBERSECURITY

Secure your future while protecting crucial digital assets with a bachelor's degree in computer networks and cybersecurity. In this program, you'll learn the operational procedures and technologies to design, implement, administer, secure, and troubleshoot corporate networks. The major integrates technical skill with communication skills and superior general education knowledge. Our cybersecurity students frequently take first place in cyber competitions. These competitions allow cyber competitors to hone their hands-on skills in areas such as cryptology, network offense/defense, digital forensics, and policy.

// The UMUC Difference

A leader in distance education, University of Maryland University College (UMUC) specializes in offering affordable and accessible career-relevant education focused on helping you succeed. The computer networks and cybersecurity major is designed to combine the benefits of a traditional college education with the advantages of hands-on training in state-of-the-art systems. The curriculum integrates technical skill, preparation for industry-standard certifications (including those specified in DOD directive 8570, like CISSP, CSIH, and CEH certifications), and a wide range of IT knowledge emphasizing networking and security.

// What You'll Learn

Through your coursework, you will learn how to

- Design, implement, and administer local-area and wide-area networks to satisfy organizational goals
- Resolve IT system problems and meet the needs of end users by applying troubleshooting methodologies
- Apply relevant policies and procedures to effectively secure and monitor IT systems
- Communicate IT knowledge effectively using a wide range of presentation styles
- Meet organizational goals using effective workforce skills, best practices, and ethical principles

// Career Preparation

This program is designed to help you prepare for a career in network management, systems administration, or network security, whether you're new to the IT field or you're looking to move up to middle management.

3D SCHOLARS

Through a groundbreaking partnership, Prince George's County Public Schools (PGCPS), Prince George's Community College (PGCC), and University of Maryland University College (UMUC) are offering students in Prince George's County an affordable pathway to a bachelor's degree, beginning with community college dual enrollment while in high school.

For more information on the 3D Scholar program, visit **www.pgcps.org/3DScholars/**, or call **855-267-8682**.

For more information about UMUC, visit **umuc.edu** or call **800-888-UMUC (8682)**.

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