Save time and money by getting credit for what you've already learned

PRIOR LEARNING PROGRAM
UMUC offers you the opportunity to earn up to 30 undergraduate credits in a single semester for learning gained outside the classroom through prior work experience, community service, or other activities. UMUC also awards credit for several industry-standard IT certification examinations. Learn more at *www.umuc.edu/priorlearning*.

MILITARY EDUCATION PARTNERS
UMUC has alliances with most key military education programs such as Air Force AU-ABC Program, Army (SOCAD) Degree Builders, Marine Corps College of Distance Education and Training, Navy College Program Distance Learning Partnership, and many more to give you credit for what you have learned in military occupations. UMUC is also a proud participant in the Post-9/11 Yellow Ribbon Program to help make higher education more affordable for veterans. Learn more at *military.umuc.edu/programs*.

TRANSFER CREDITS
UMUC's alliances with more than 80 community colleges across the United States—including all 16 in the state of Maryland—make it easy to transfer up to 70 credits from an associate's degree program. UMUC's flexible transfer policy also accepts up to 90 credits from regionally accredited four-year institutions. Learn more at *www.umuc.edu/ugtransfercredit*.

The National Security Agency (NSA) and the Department of Homeland Security (DHS) have designated UMUC a National Center of Academic Excellence in Information Assurance Education.

UMUC is a partner of CyberWatch.

Take advantage of the many resources and services UMUC has to offer

- Meet with VetSuccess and academic advisors or career service representatives to map out the most effective path for advancing your cybersecurity career
- Take classes on-site or online, on a convenient schedule that fits your busy life
- Access comprehensive student services, academic advising, 24-hour tech and library support, tutoring, and more
- Use the interest-free monthly payment plan** or apply for scholarships and financial aid available to those who qualify

UMUC has been recognized by many leading educational and government organizations

The university and its programs have received awards from the Sloan Consortium, the International Council for Open and Distance Education, the United States Distance Learning Association, the University Professional and Continuing Education Association, the Council of College and Military Educators, the Instructional Technology Council, and the Maryland Distance Learning Association.

Military Times EDGE has also ranked UMUC as one of the most popular colleges or universities among active-duty servicemembers. UMUC's alumni roster includes more than 50 flag officers and a former Joint Chief of Staff.

*Source: Cyber Security Jobs Report, ©2013 The Abell Foundation and CyberPoint International, LLC

**Administered by ECSI

Your UMUC courses may also help you prepare for important industry certification exams

IT industry certifications are commonly used to show professional skills or knowledge levels and are considered essential in cybersecurity hiring and promotion decisions. More than a dozen courses within UMUC's cyber-related programs have corresponding industry IT certifications, including some that are listed in the DoD 8570 Approved Baseline Certifications, a government initiative that designates uniform competency standards for all DoD information assurance workers.

UMUC PROGRAMS	CAREER PATHS	DOD 8570 CERTIFICATION	UMUC COURSES THAT ADDRESS THESE CERTIFICATIONS
BS IN COMPUTER NETWORKS AND SECURITY	• computer forensics analyst • cyber analyst • information assurance manager • information security manager • network manager • network security analyst • server administrator • systems analyst	CEH CISSP CompTIA A+ CompTIA Network+ CompTIA Security+ CSIH	Ethical Hacking Advanced Information Systems Security Fundamentals of Computer Troubleshooting Fundamentals of Networking Network Security Network Forensics
BS IN CYBERSECURITY	• information systems security professional • senior system manager • information security manager • cyber analyst • information assurance manager • network security analyst	CEH CISSP CompTIA Network+ CompTIA Security+	Ethical Hacking Advanced Information Systems Security Fundamentals of Networking Network Security
COMPUTER NETWORKING CERTIFICATE*		CompTIA A+ CompTIA Network+ CompTIA Security+	Fundamentals of Computer Troubleshooting Fundamentals of Networking Network Security

*More information about certificates, including gainful employment disclosures, is available at *www.umuc.edu/certificates*.

IF YOU ARE READY TO ADVANCE YOUR EDUCATION AND YOUR CAREER, UMUC IS READY TO HELP.

CONTACT UMUC TODAY!

VISIT www.umuc.edu/cybersecurity

CALL 877-275-UMUC (8682)

No SAT, GRE, or GMAT is required for admission to most programs, so you can get started right away.

UMUC
University of Maryland University College

University of Maryland University College
3501 University Boulevard East
Adelphi, MD 20783-8003 USA

FOCUS ON YOUR FUTURE
IN CYBERSECURITY

military.umuc.edu/cyber
800-888-UMUC (8682)
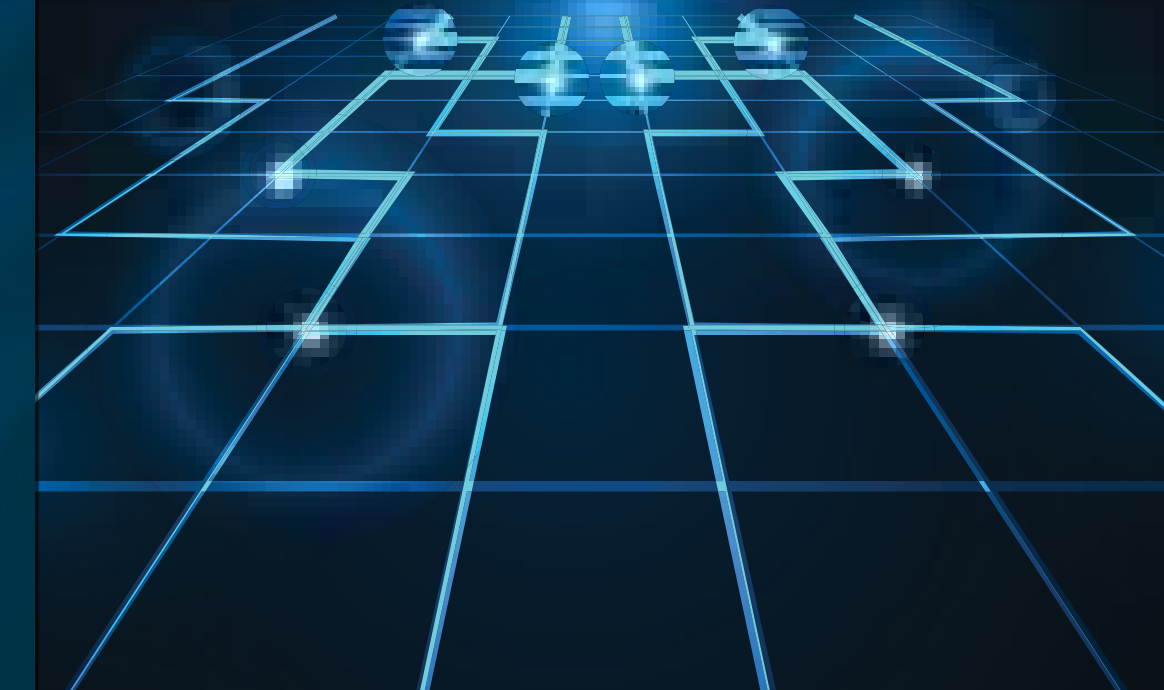
WHY CHOOSE UMUC TO PURSUE YOUR EDUCATIONAL GOALS?

The demand for highly trained graduates in cyber-related fields such as information assurance, network security, and digital forensics is far outpacing supply. To help fill that gap, University of Maryland University College (UMUC) works with government agencies, federal contractors, and national technology firms to develop undergraduate and graduate cybersecurity programs that are directly relevant to the advanced knowledge and leadership skills their hiring managers are looking for.

UMUC has also enlisted some of the nation's top cybersecurity experts to review its programs, ensuring that the curriculum keeps pace with emerging industry trends and technologies. (Meet our board of experts at *www.umuc.edu/cybersecurity/about/advisory-board.cfm*.)

A degree from UMUC can help prepare you for success in the fast-growing cybersecurity field

Cyber-related undergraduate and graduate degree programs can help open doors in a wide range of career choices. You can use the Career Paths section of each description to find a program that best suits your goals. And no SAT, GRE, or GMAT is required for admission to most programs, so you can get started right away.

CAREER PERSPECTIVES

CYBER JOBS: 340,000

A nationwide snapshot of job openings in October, 2012, found 340,000 cybersecurity jobs posted on Internet job boards, corporate Web sites, and various publication listings by 18,769 companies. More than 19,400 of those jobs and 10 percent of the companies were in Maryland.*

*Source: Cyber Security Jobs Report, ©2013 The Abell Foundation and CyberPoint International, LLC

UNDERGRADUATE PROGRAMS

Bachelor of Science in Computer Networks and Security

Focuses on the operational procedures and technologies needed to design, implement, administer, secure, and troubleshoot enterprise-level networks and incorporates the industry-standard certifications, including many on the DoD 8570 list.

CAREER PATHS
A major in computer networks and security can help you pursue a career as a

* computer forensics analyst
* network manager
* network security analyst
* server administrator
* systems analyst
* information assurance manager

Bachelor of Science in Cybersecurity

Helps prepare you to be a leader in the protection of data assets using policies, operational procedures, and technologies that secure and defend information and information systems, in local as well as more broadly based domains.

CAREER PATHS
The major in cybersecurity can help you pursue a career as an

* information systems administrator
* senior system manager
* cyber analyst

GRADUATE PROGRAMS

Master of Science in Cybersecurity

Designed to help midcareer professionals meet the challenges posed by increasing threats to our nation's critical cyberspace infrastructure with technical tools and organizational practices.

CAREER PATHS
The graduate degree in cybersecurity can help you prepare for a high-level management position such as

* chief security officer
* cyber operations planner
* cybersecurity administrator
* cybersecurity architect or engineer
* cybersecurity manager
* secure software assurance engineer

Master of Science in Cybersecurity Policy

Focuses on strategies for meeting societal responses to cybersecurity threats at enterprise, national, and global levels and explores legal concepts such as privacy, intellectual property, and civil liberties.

CAREER PATHS
The graduate degree in cybersecurity policy can help you pursue leadership positions in federal, state, or local government and private industry as a

* cyber intelligence analyst
* cyber policy analyst
* legislative aide
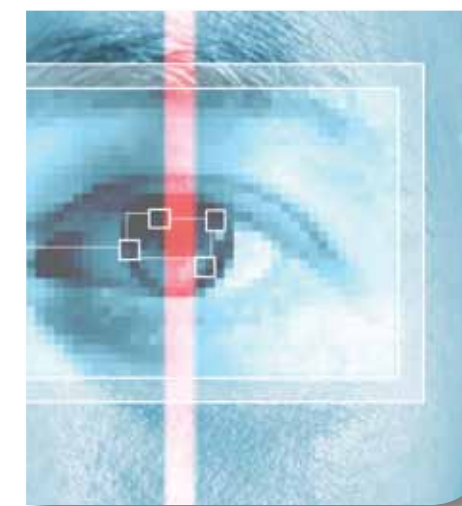
Master of Science in Digital Forensics and Cyber Investigation

Designed for midcareer professionals who want to focus on strategies and techniques for uncovering and collecting information that shows a computer system has been attacked or compromised and for preserving evidence and presenting it in a manner admissible in a court of law.

CAREER PATHS
The graduate degree in digital forensics and cyber investigation can help prepare you for a leadership position if you are currently in the field or help you pursue a new career as a

* computer forensic examiner
* computer forensic specialist

Specialization in Information Assurance

Provides a practical understanding of the principles of data protection and introduces the ethical, legal, and policy issues associated with information assurance as included within the Master of Science in information technology program.

CAREER PATHS
A graduate degree with a specialization in information assurance can help you prepare for a career as a

* chief information security officer
* network administrator
* security administrator or architect
* system administrator

ABOUT UMUC

University of Maryland University College (UMUC) is the largest public university in the United States. As one of the 11 degree-granting institutions of the University System of Maryland, this global university specializes in high-quality academic programs tailored to working adults. UMUC has earned a worldwide reputation for excellence as a comprehensive virtual university and, through a combination of classroom and distance-learning formats, provides educational opportunities to more than 92,000 students.

UMUC is proud to have served U.S. military personnel and their families for 65 years. Today, UMUC enrolls 55,000 active-duty servicemembers, reservists, National Guard members, veterans, and family members at more than 50 locations in the Washington, D.C., metropolitan area and in more than 25 countries and territories worldwide.

UMUC offers its students undergraduate and graduate programs, noncredit leadership development, and customized programs. For more information regarding UMUC and its programs, visit *military.umuc.edu.*