



**NORTHERN VIRGINIA COMMUNITY COLLEGE
AAS IN CYBERSECURITY
TO UNIVERSITY OF MARYLAND UNIVERSITY COLLEGE
BS IN CYBERSECURITY MANAGEMENT AND POLICY
TRANSFER GUIDE**

CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements.	
<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper-level credits. <input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor. <input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor. <input type="checkbox"/> Prerequisites for major and minor courses, if needed.	<input type="checkbox"/> All General Education Requirements. <input type="checkbox"/> Grade of C or better in all courses for the major and minor. <input type="checkbox"/> Overall GPA of at least 2.0. <input type="checkbox"/> At least half the credit for the major earned through graded coursework. Total 120 credits.

UMUC DEGREE REQUIREMENTS	NOVA COURSES	UMUC EQUIVALENCY	CREDITS FROM NOVA	CREDITS NEEDED AT UMUC
COMMUNICATIONS		Credits:		6
WRTG 101 Introduction to Writing(3)	ENG 111	WRTG 101	3	
WRTG 293 (3) <i>Or other 3-credit WRTG course except 288, 388, 486A, 486B. ENGL 102 and JOUR 201 apply</i>				3
COMM 202 (3) <i>Or other communication, writing, or speech</i>	CST 110	SPCH 100	3	
WRTG 393 (3) <i>Or other upper-level advanced writing</i>				3UL
ARTS AND HUMANITIES		Credits:		3
HUMN 100 (3) <i>Or other arts/humanities</i>	Humanities/Fine Arts Elective	Arts & Humanities	3	
HIST 365 (3) <i>Or any upper-level ARTH or HIST from a 2nd discipline</i>				3UL
BEHAVIORAL AND SOCIAL SCIENCES		Credits:		3
ECON 103 (3) <i>Or other first behavioral/social science</i>	Social Science Elective	Behavioral & Social Sciences	3	
GVPT 401 (3) <i>Or other upper-level non-ECON behavioral/social science</i>				3UL
BIOLOGICAL AND PHYSICAL SCIENCES		Credits:		0
BIOL 103 (4) <i>Or other biological/physical science with related lab</i>				4
NSCI 362 (3) <i>Or other upper-level 3-credit biological/physical science</i>				3UL
MATHEMATICS		Credits:		3
MATH 106 <i>or higher-level math course (3)</i>	MTH 163 Recom'd Mathematics	MATH 107	3	
INTERDISCIPLINARY OR EMERGING ISSUES		Credits:		6
LIBS 150 Introduction to Research (1)				
IFSM 201 Concepts & Applications of Information Technology (3) <i>Prerequisite for major courses</i>	ITE 115	IFSM 201	3	
CMIS 111 Social Networking and Cybersecurity Best Practices (3) <i>Or another computing course appropriate to the academic major</i>	ITP 100	CMIS 102	3	

Legend/Notes
<p>◆ required course for the major or minor</p> <p>* course meets content requirement but not upper-level minimum</p> <p>UL – UL stands for upper-level junior/senior courses and denotes the minimum upper-level credit that must be taken at UMUC for graduation</p> <p>^ only 21 credits of vocational technical are permitted for transfer at UMUC</p> <p>Courses placed in the ELECTIVES/MINOR section may meet degree requirements depending on which course the student takes from the list of courses offered for the associate's degree. Any credit applied to the associate's degree must also meet UMUC's transfer credit policy.</p>

UMUC DEGREE REQUIREMENTS	NOVA COURSES	UMUC EQUIVALENCY	CREDITS FROM NOVA	CREDITS NEEDED AT UMUC
CYBERSECURITY MANAGEMENT AND POLICY MAJOR	Credits:		9	21
◆ CMIT 265 Fundamentals of Networking (3)	ITN 101 Recom'd	CMIT 265	3	
◆ CMIT 320 Network Security (3)	ITN 260	CMIT 320*	3	
◆ IFSM 304 Ethics in Information Technology (3)				3UL
◆ CSIA 310 Cybersecurity Processes and Technologies (3)				3UL
◆ CCJS 321 Digital Forensics in the Criminal Justice System (3)	ITN 276	CCJS 321*	3	
◆ CSIA 350 Cybersecurity in Business and Industry (3)				3UL
◆ CSIA 360 Cybersecurity in Government Organizations (3)				3UL
◆ CSIA 413 Security Policy, Plans, and Programs (3)				3UL
◆ CSIA 459 Evaluating Emerging Technologies (3)				3UL
◆ CMIT 425 Advanced Information Systems Security (3)				3UL
CAPSTONE COURSE FOR MAJOR	Credits:		0	3
◆ CSIA 485 Practical Applications in Cybersecurity Management (3)	MUST BE TAKEN AT UMUC			3UL
ELECTIVES/MINOR	Credits:		36	10
Choose any electives to meet degree requirements. Note minimum requirements for upper-level coursework. See requirements of individual minor. Recommended Electives (please note prerequisites): CSIA 520, 530, or 535	SDV 100	Elective	1	
	ITN 106	CMIT 364*	3	
	ITN 107 or ITE 221	CMIT 202 or CMIT	3	
	PED 116	PHED	1	
	ITN 200	CMIT	3	
	ITP Programming Elective	Elective	4	
	ITN 171 or 170	CMIS 325* or CMIT 391*	3	
	ITN 261	CMIT 321*	4	
	ITN 262	CMIT	4	
	ITN 263	IFSM	4	
	ITN 266	CMIT	3	
	IT Security Elective	Elective	3	
Upper-Level Electives at UMUC				9UL
Any Electives at UMUC				1
Total Minimum Credits Needed for Graduation: 120	Total Credits:		66	54