



**NORTHERN VIRGINIA COMMUNITY COLLEGE  
AAS IN INFORMATION SYSTEMS TECHNOLOGY  
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.

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| <ul style="list-style-type: none"> <li><input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper-level credits.</li> <li><input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor.</li> <li><input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor.</li> <li><input type="checkbox"/> Prerequisites for major and minor courses, if needed.</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> All General Education Requirements.</li> <li><input type="checkbox"/> Grade of C or better in all courses for the major and minor.</li> <li><input type="checkbox"/> Overall GPA of at least 2.0.</li> <li><input type="checkbox"/> At least half the credit for the major earned through graded coursework. Total 120 credits.</li> </ul> |
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UMUC DEGREE REQUIREMENTS	NOVA COURSES	UMUC EQUIVALENCY	CREDITS FROM NOVA	CREDITS NEEDED AT UMUC
<b>COMMUNICATIONS</b>	<b>Credits:</b>		<b>6</b>	<b>6</b>
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 Elective	Communication, Writing, or Speech	3	
WRTG 393 (3) <i>Or other upper-level advanced writing</i>				3UL
<b>ARTS AND HUMANITIES</b>	<b>Credits:</b>		<b>3</b>	<b>3</b>
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 2<sup>nd</sup> discipline</i>				3UL
<b>BEHAVIORAL AND SOCIAL SCIENCES</b>	<b>Credits:</b>		<b>6</b>	<b>0</b>
ECON 103 (3) <i>Or other first behavioral/social science</i>	Social Science Elective	Behavioral & Social Sciences	3	
BEHS 103 (3) <i>Or other behavioral/social science from a 2<sup>nd</sup> discipline</i>	Social Science Elective from a 2 <sup>nd</sup> discipline	Behavioral & Social Sciences	3	
<b>BIOLOGICAL AND PHYSICAL SCIENCES</b>	<b>Credits:</b>		<b>0</b>	<b>7</b>
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
<b>MATHEMATICS</b>	<b>Credits:</b>		<b>3</b>	<b>0</b>
MATH 106 <i>or higher-level math course</i> (3)	MTH 163 Recom'd Mathematics	MATH 107	3	
<b>INTERDISCIPLINARY OR EMERGING ISSUES</b>	<b>Credits:</b>		<b>6</b>	<b>1</b>
LIBS 150 Introduction to Research (1)				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**

- ◆ required course for the major or minor
  - \* course meets content requirement but not upper-level minimum
  - UL – UL stands for upper-level junior/senior courses and denotes the minimum upper-level credit that must be taken at UMUC for graduation
  - ^ only 21 credits of vocational technical are permitted for transfer at UMUC
- 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.

UMUC DEGREE REQUIREMENTS	NOVA COURSES	UMUC EQUIVALENCY	CREDITS FROM NOVA	CREDITS NEEDED AT UMUC
<b>CYBERSECURITY MANAGEMENT AND POLICY MAJOR</b>	<b>Credits:</b>		<b>9</b>	<b>21</b>
◆ CMIT 265 Fundamentals of Networking (3)	ITN 101 Recom'd IT Elective	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 Recom'd IT Elective	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
<b>CAPSTONE COURSE FOR MAJOR</b>	<b>Credits:</b>		<b>0</b>	<b>3</b>
◆ CSIA 485 Practical Applications in Cybersecurity Management (3)	<b>MUST BE TAKEN AT UMUC</b>			3UL
<b>ELECTIVES/MINOR</b>	<b>Credits:</b>		<b>34</b>	<b>12</b>
<p>Choose any electives to meet degree requirements. Note minimum requirements for upper-level coursework.</p> <p>See requirements of individual minor.</p> <p>Recommended Electives (please note prerequisites): CSIA 520, 530, or 535</p>	PED 116	PHED	1	
	SDV 100	Elective	1	
	ITE 170	CMST	3	
	ITN 100	IFSM 450*	3	
	ITP Programmi ng Elective	Elective	4	
	PED/RPK Elective	Elective	1	
	ITD 110	CMST 385*	3	
	ITE 221	CMIT	3	
	ITN 171	CMIS 325*	3	
	IT Electives	Electives	9	
	ITD 256	CMIS	3	
Upper-Level Electives at UMUC				12UL
Any Electives at UMUC				
<b>Total Minimum Credits Needed for Graduation: 120</b>	<b>Total Credits:</b>		<b>67</b>	<b>53</b>