



**MONTGOMERY 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.

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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"/> Grade of C- or better for WRTG 101</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.</li> <li><input type="checkbox"/> Total 120 credits.</li> </ul> |
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UMUC DEGREE REQUIREMENTS	MC COURSES	UMUC EQUIVALENCY	CREDITS FROM MC	CREDITS NEEDED AT UMUC
		<b>Credits:</b>	<b>6</b>	<b>6</b>
<b>COMMUNICATIONS</b>				
WRTG 101 (3)	ENGL 102 or ENGL 103	WRTG 101	3	
WRTG 100A (3) <i>Or other 3-credit WRTG course except 288, 388, 486A, 486B, COMM 390 and 492. ENGL 102 and JOUR 201 apply</i>	ENGL 101	WRTG	3	
COMM 202 (3) <i>Or other communication, writing, or speech</i>				3
WRTG 393 (3) <i>Or other upper-level advanced writing</i>				3UL
		<b>Credits:</b>	<b>6</b>	<b>0</b>
<b>ARTS AND HUMANITIES</b>				
HUMN 100 (3) <i>Or other arts/humanities</i>	PHIL 140	PHIL 140	3	
HIST 125 (3) <i>Or other arts/humanities</i>	Arts Distribution	Arts & Humanities	3	
		<b>Credits:</b>	<b>3</b>	<b>3</b>
<b>BEHAVIORAL AND SOCIAL SCIENCES</b>				
ECON 103 (3) <i>Or other behavioral/social science</i>	Behavioral & Social Sciences Distribution	Behavioral & Social Sciences	3	
BEHS 103 (3) <i>Or other behavioral/social science</i>				3
		<b>Credits:</b>	<b>4</b>	<b>3</b>
<b>BIOLOGICAL AND PHYSICAL SCIENCES</b>				
BIOL 103 (4) <i>Or other biological/physical science with related lab</i>	Natural Sciences Distribution with Lab	Lab Science	4	
NSCI 100 (3) <i>Or other 3-credit biological/physical science</i>				3
		<b>Credits:</b>	<b>3</b>	<b>0</b>
<b>MATHEMATICS</b>				
MATH 106 (3) <i>or other approved math GenEd course (MATH 106, MATH 107, STAT 200, or more advanced MATH or STAT)</i>	MATH 110 Recom'd Mathematics Foundation	MATH 106	3	
		<b>Credits:</b>	<b>3</b>	<b>4</b>
<b>INTERDISCIPLINARY OR EMERGING ISSUES</b>				
LIBS 150 (1)				1
IFSM 201 (3) <i>Prerequisite for major courses</i>				3
CMIS 111 (3) <i>Or another computing course appropriate to the academic major</i>	CMSC 135	CMSC	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	MC COURSES	UMUC EQUIVALENCY	CREDITS FROM MC	CREDITS NEEDED AT UMUC
<b>CYBERSECURITY MANAGEMENT AND POLICY MAJOR</b>	<b>Credits:</b>		<b>6</b>	<b>24</b>
◆ CMIT 265 Fundamentals of Networking (3)	NWIT 151	CMIT 265	3	
◆ CMIT 320 Network Security (3)	NWIT 173	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)				3UL
◆ 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>29</b>	<b>17</b>
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	NWIT 127	CMIT 202	3	
	CMSC 253	CMIT 391*	4	
	NWIT 203	CMIT 369*	3	
	NWIT 252	CMIT	3	
	NWIT 245	CMIT	3	
	NWIT 246	CMIT 321*	3	
	NWIT 263	IFSM 498X*	3	
	NWIT 275	CMIT 331*	3	
	NWIT 247	CMIT	3	
	NWIT 291	CMIT	1	
Upper-Level Electives at UMUC				15UL
Any Electives at UMUC				2
<b>Total Minimum Credits Needed for Graduation: 120</b>	<b>Total Credits:</b>		<b>60</b>	<b>60</b>