



**AACC ASSOCIATE OF APPLIED SCIENCE IN  
INFORMATION ASSURANCE AND CYBERSECURITY – NETWORKING**

Students transferring from AACC with a conferred Associate of Arts or Associate of Science degree will have the General Education Requirement (Gen Ed) block of courses met at UMGC (A.A.S. degrees not included). See community college advisor for course sequencing.



**UNIVERSITY OF MARYLAND  
GLOBAL CAMPUS**

**CATALOG YEAR:  
2022-2023**

**UMGC BACHELOR OF SCIENCE IN CYBERSECURITY TECHNOLOGY**

<http://www.umgc.edu/transfers-and-credits/community-college-alliances/maryland-community-college-alliances.cfm>

Degree requirements may change based on date of initial enrollment at UMGC.

CREDITS	ANNE ARUNDEL COMMUNITY COLLEGE Requirements for Associate's Degree	UNIVERSITY OF MARYLAND GLOBAL CAMPUS Requirements for Bachelor's Degree
3	ENG 101 or ENG 101A Gen Ed requirement	WRWG 111 (Gen Ed Communications)
3	MAT 135 or 137 Gen Ed requirement	STAT 200 or MATH 107 (Gen Ed Mathematics)
3	CTS 107 Program requirement	IFSM 201 (Gen Ed Computing; prerequisite to CMIT 202)
3	CTP 194 Gen Ed requirement	IFSM 304* (elective)
3	BIO 135 Biological & Physical Science Gen Ed requirement	NUTR elective (Gen Ed Biological & Physical Science)
3	ENG 102 or ENG 102H Gen Ed requirement	WRWG 112 (Gen Ed Communications; <i>must be completed with C- or better</i> )
3	Social & Behavioral Science Gen Ed requirement (not HIS)	Gen Ed Behavioral & Social Science
4	CTS 110 Program requirement	◆ CMIT 265 (required for the major)
4	CTS 120 Program requirement	◆ CMIT 291 (required for the major)
4	CTS 130 Program requirement	CMIT elective
4	CTS 131 Program requirement	◆ CMIT 351* (required for the major)
4	CTS 140 Program requirement	◆ CMIT 320* (required for the major)
2	CTP 114 Program requirement	CMSC elective
4	CTS 230 Program requirement	CMIT elective
4	CTS 233 Program requirement	CMIT elective
4	CTS 234 Program requirement	CMIT 369* (elective)
1	CYB 270 Program requirement	CSIA elective
4	CTS 216 recom'd Area of Concentration elective	CMIT 460* (elective)
1	Area of Concentration elective	Elective
<b>61</b>	<b>Total Credits Transferred</b>	

**REMAINING UMGC DEGREE REQUIREMENT RECOMMENDED SEQUENCE UPON TRANSFER WITH ASSOCIATE'S DEGREE**

LIBS 150 Introduction to Research or other Gen Ed course (to be fulfilled with 1 credit of CTS 110 from AACC)	---
PACE 111T Program and Career Exploration in Technology or other PACE 111	3
◆ CMIT 202 Fundamentals of Computer Troubleshooting (required for the major)	3
SPCH 100 Foundations of Oral Communication or other Gen Ed Communications	3
HIST 125 Technological Transformations or other Gen Ed Arts & Humanities	3
BIOL 103 Introduction to Biology or other Gen Ed Biological & Physical Lab Science	4
ARTH 334 Understanding Movies or other Gen Ed Arts & Humanities	3
ECON 103 Economics in the Information Age or other Gen Ed Behavioral & Social Science	3
◆ CMIT 321 Ethical Hacking (required for the major)	3UL
◆ CMIT 326 Cloud Technologies (required for the major)	3UL
WRWG 393 Advanced Technical Writing or any other upper-level writing (Gen Ed Communications)	3UL
Elective (must be taken upper-level)	3UL
◆ CMIT 421 Threat Management and Vulnerability Assessment or other upper-level CMIT (required for the major)	3UL
Elective (must be upper-level)	3UL
◆ CMIT 386 Penetration Testing and Cyber Red Teaming or other upper-level CMIT (required for the major)	3UL
Elective (must be taken upper-level)	3UL
◆ CCJS 321 Digital Forensics in the Criminal Justice System or any upper-level CMIT (required for the major)	3UL
Elective (must be taken upper-level)	3UL
Elective (must be taken upper-level)	3UL
◆ CMIT 495 Current Trends and Projects in Computer Networks and Cybersecurity (required capstone for the major)	3UL
Elective	1
<b>TOTAL CREDITS REMAINING AT UMGC</b>	<b>59</b>

**NOTES:** Minimum of 120 credits, including 36 upper-level (courses numbered 300-499) required for bachelor's degree with minimum 2.0 (C) grade point average (GPA) / No course within major or minor below 2.0 GPA / At least one-half of credits within major and minor comprised of: a. upper-level; b. UMGC resident; c. traditional college courses earning a grade / Maximum of 70 transfer credits to UMGC from 2-year or community college (actual number of transfer credits dependent on meeting all UMGC bachelor's degree requirements) / WRWG 112 completed with grade of 1.67 GPA (C-) or better / ◆ = Denotes course in major at UMGC / \* = Denotes lower-level course meets content requirement of upper-level course but does not transfer as upper-level / UL = Denotes upper-level course