

NOVA ASSOCIATE OF APPLIED SCIENCE IN CYBERSECURITY

See community college advisor for course sequencing. Degree requirements may change based on date of initial enrollment at UMGC.

UMGC BACHELOR OF SCIENCE IN CYBERSECURITY TECHNOLOGY

UMGC National Community College Alliances

CREDITS	NORTHERN VIRGINIA COMMUNITY COLLEGE Requirements for Associate's Degree	UNIVERSITY OF MARYLAND GLOBAL CAMPUS Requirements for Bachelor's Degree
3	ENG 111 Gen Ed requirement	WRTG 111 (Gen Ed Communications)
3	ITE 152 Gen Ed requirement	CMST elective (Gen Ed Computing)
3	ITN 100 or ITN 101 Program requirement	♦ CMIT 265 (required for the major)
3	ITN 106 Program requirement	CMIT elective
3	MTH 154, MTH 155, or higher Mathematics Gen Ed req.	MATH 103, STAT 200, or higher Gen Ed Mathematics
1	SDV 101 Institutional requirement	Elective
3	CST 100, CST 110, CST 126, or CST 229 Gen Ed elective	SPCH 100, SPCH elec., SPCH 125, or SPCH 482* (Gen Ed Communications)
3	ITN 107 recom'd Program requirement	♦ CMIT 202 (required for the major)
3	ITP 100 Program requirement	CMSC 105 (elective)
3	ITN 170 or ITN 171 Program requirement	♦ CMIT 291 (required for the major)
3	ITN 260 Program requirement	♦ CMIT 320* (required for the major)
4	ITP Programming elective	Elective
3	ITN 200 Program requirement	CMIT elective
4	ITN 261 Program requirement	CMIT 460* (elective)
4	ITN 262 Program requirement	CMIT elective
3	Social/Behavioral Sciences Gen Ed elective (not HIS)	Gen Ed Behavioral & Social Science
3	Humanities/Fine Arts Gen Ed elective	Gen Ed Arts & Humanities
3	ENG 112 recom'd Approved elective	WRTG 112 (Gen Ed Communications; <i>must be completed with C- or better</i>)
4	ITN 263 Program requirement	CMIT 454* (elective)
3	ITN 266 Program requirement	CMIT elective
3	ITN 276 Program requirement	CMIT elective
65	Total Credits Transferred	Total Credits Transferred

REMAINING REQUIREMENTS FOR BACHELOR'S DEGREE	CREDITS
LIBS 150 Introduction to Research or any Gen Ed credit (to be fulfilled with 1 Gen Ed credit from NOVA)	---
PACE 111T Program and Career Exploration in Technology or any PACE 111	3
NUTR 100 Elements of Nutrition or any Gen Ed Biological & Physical Science	3
BIOL 103 Introduction to Biology or any Gen Ed Biological & Physical Lab Science	4
HIST 125 Technological Transformations or any Gen Ed Arts & Humanities	3
ECON 103 Economics in the Information Age or any Gen Ed Behavioral & Social Science	3
♦ CMIT 321 Ethical Hacking (required for the major)	3UL
♦ CMIT 351 Switching, Routing, and Wireless Essentials (required for the major)	3UL
Elective	3
♦ CMIT 326 Cloud Technologies (required for the major)	3UL
WRTG 393 Advanced Technical Writing or any upper-level writing (Gen Ed Communications)	3UL
Elective	3
♦ CMIT 421 Threat Management and Vulnerability Assessment or any upper-level CMIT (required for the major)	3UL
♦ CMIT 386 Penetration Testing and Cyber Red Teaming or any upper-level CMIT (required for the major)	3UL
Elective	3
♦ CCJS 321 Digital Forensics in the Criminal Justice System or any upper-level CMIT (required for the major)	3UL
Elective	3
♦ CMIT 495 Cybersecurity Technology Capstone (required capstone for the major)	3UL
Elective	3
TOTAL CREDITS REMAINING AT UMGC	55

NOTES: Minimum of 120 credits, including 30 with UMGC of which at least 15 must be upper-level (courses numbered 300-499), are required for the bachelor's degree with a UMGC grade point average (GPA) of 2.0 (C) or higher / At least one-half of the credits within the major and minor must be comprised of: a. traditional college courses earning a grade (except for the CJLE major); b. UMGC resident coursework (except for the APTC, CJLE, and GECU majors, which require only the major capstone as UMGC resident credit) / No course within the major or minor below the grade of C (2.0) / UMGC does not accept grades below a C (2.0) in transfer from schools outside of the University System of Maryland and the Maryland community colleges (except WRTG 112 which must be completed with a grade of C- (1.67) or better from all schools) / Maximum of 70 transfer credits to UMGC from two-year or community colleges & maximum of 90 transfer credits from all sources combined (actual number of transfer credits dependent on meeting all UMGC bachelor's degree requirements) / ♦¹ = Course in major at UMGC / ♦² = Lower-level course meets content requirement of upper-level course but does not transfer as upper-level / UL³ = Upper-level course (numbered 300-499)

¹ ♦ Course in major at UMGC

² ♦ Lower-level course meets content requirement of upper-level course but does not transfer as upper-level

³ UL Upper-level course (numbered 300-499)