NOVA | Northern Virginia Community College

UNIVERSITY OF MARYLAND GLOBAL CAMPUS

NOVA ASSOCIATE OF APPLIED SCIENCE IN CYBERSECURITY

UMGC BACHELOR OF SCIENCE IN CYBERSECURITY TECHNOLOGY

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

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 101 or ITN 100 Program requirement	CMIT elective or IFSM 370* (elective)
3	ITN 106 Program requirement	CMIT elective
3	MTH 154 or higher Mathematics Gen Ed requirement	MATH 103 or higher Gen Ed Mathematics
1	SDV 101 Program requirement	Elective
3	CST 100 or CST 106 recom'd elective	SPCH 100 or SPCH 125 (Gen Ed Communications)
3	ITP 100 Program requirement	CMSC 105 (elective)
3	ITN 107 recom'd Program requirement	♦ CMIT 202 (required for the major)
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 262 Program requirement	♦ CMIT 265 (required for the major)
4	ITN 261 Program requirement	CMIT 460* (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; *must be completed with 'C-' or better*)
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 other Gen Ed credit (to be fulfilled with 1 Gen Ed credit from NOVA)	---
PACE 111T Program and Career Exploration in Technology or other PACE 111	3
NUTR 100 Elements of Nutrition or other Gen Ed Biological & Physical Science	3
BIOL 103 Introduction to Biology or other Gen Ed Biological & Physical Lab Science	4
HIST 125 Historical Transformations 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 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 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 taken 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
♦ CMIT 495 Cybersecurity Technology Capstone (required capstone for the major)	3UL
TOTAL CREDITS REMAINING AT UMGC	**55**

NOTES: Minimum of 120 credits, including 36 upper-level required for bachelor's degree with minimum 2.0 ('C') grade point average (GPA) / Minimum of 30 UMGC resident credits of which at least 15 must be upper-level / 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 / No course within major or minor below 2.0 GPA ('C') / 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) / WRTG 112 completed with grade of 1.67 GPA ('C-') or better / ♦[1] = Course in major at UMGC / ٭[2] = Lower-level course meets content requirement of upper-level course but does not transfer as upper-level / **UL**[3] = Upper-level course (numbered 300-499)

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[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)