



**MC ASSOCIATE OF APPLIED SCIENCE IN
CLOUD COMPUTING AND NETWORKING TECHNOLOGY**

Students transferring from MC 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	MONTGOMERY COLLEGE Requirements for Associate's Degree	UNIVERSITY OF MARYLAND GLOBAL CAMPUS Requirements for Bachelor's Degree
3	ENGL 101 or ENGL 101A recom'd elective ^	WRTG elective (Gen Ed Communications)
3	MATH 117 or MATH 120 Mathematics Foundation Gen Ed req	STAT 200 or MATH 106 (Gen Ed Mathematics)
3	CMSC 110 recom'd Program elective	IFSM 201 (Gen Ed Computing)
3	NWIT 105 Program requirement	◆ CMIT 326* (required for the major)
3	NWIT 127 Program requirement	◆ CMIT 202 (required for the major)
3	ENGL 102 recom'd English Foundation Gen Ed requirement	WRTG 112 (Gen Ed Communications; <i>must be completed with C- or better</i>)
4	Natural Sciences Distribution w/ Lab Gen Ed requirement	Gen Ed Biological & Physical Lab Science
3	COMM 108 or COMM 112 Gen Ed requirement	SPCH 100 or SPCH elective (Gen Ed Communications)
3	CMSC 135 or CMSC 140 Program elective	CMIS 102 or CMIS 141 (elective)
3	NWIT 151 recom'd Program elective	◆ CMIT 265 (required for the major)
3	Arts or Humanities Distribution Gen Ed requirement	Gen Ed Arts & Humanities
4	CMSC 253 Program requirement	◆ CMIT 291 (required for the major)
3	NWIT 173 Program requirement	◆ CMIT 320* (required for the major)
3	NWIT 200 Program requirement	CMIT 380* (elective)
3	NWIT 208 or NWIT 209 Program requirement	CMIT elective
3	Behavioral and Social Science Distribution Gen Ed requirement	Gen Ed Behavioral & Social Science
4	NWIT 204 Program requirement	CMIT elective
3	NWIT 264 Program requirement	CMIT 460* (elective)
3	NWIT or CMSC or DATA or TECH elective	Elective
60	Total Credits Transferred	

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 NWIT 264 from MC)	--
PACE 111T Program and Career Exploration in Technology or other PACE 111	3
◆ CMIT 321 Ethical Hacking (required for the major)	3UL
Elective	3
◆ CMIT 351 Switching, Routing, and Wireless Essentials (required for the major)	3UL
Elective	3
WRTG 393 Advanced Technical Writing or other upper-level writing (Gen Ed Communications)	3UL
Elective	3
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	3
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	3
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
Elective	3
◆ CMIT 495 Current Trends and Projects in Computer Networks and Cybersecurity (required capstone for the major)	3UL
Elective	3

TOTAL CREDITS REMAINING AT UMGc

60

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) / WRTG 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

MONTGOMERY COLLEGE NOTES: ^ = ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or NWIT or CMSC or DATA or TECH elective