



MC ASSOCIATE OF APPLIED SCIENCE IN CYBERSECURITY

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	CMSC 135 Program requirement	CMIS 102 (Gen Ed Computing)
3	NWIT 127 Program requirement	◆ CMIT 202 (required for the major)
3	NWIT 151 Program requirement	◆ CMIT 265 (required for the major)
3	NWIT 173 Program requirement	◆ CMIT 320* (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>)
3	MATH 117 or 120 recom'd Mathematics Foundation Gen Ed req	STAT 200 or MATH 106 (Gen Ed Mathematics)
4	CMSC 253 Program requirement	◆ CMIT 291 (required for the major)
3	NWIT 245 Program requirement	CMIT 454* (elective)
3	NWIT 263 Program requirement	CMIT 424* (elective)
4	Natural Sciences Distribution w/ Lab Gen Ed requirement	Gen Ed Biological & Physical Lab Science
3	PHIL 140 Gen Ed requirement	PHIL 140 (Gen Ed Arts & Humanities)
3	NWIT 105 Program requirement	◆ CMIT 326* (required for the major)
3	NWIT 230 Program requirement	CMIT elective
3	NWIT 246 Program requirement	◆ CMIT 321* (required for the major)
3	Arts or Humanities Distribution Gen Ed requirement	Gen Ed Arts & Humanities
3	Behavioral and Social Science Distribution Gen Ed requirement	Gen Ed Behavioral & Social Science
3	NWIT 247 Program requirement	CMIT 421* (elective)
3	NWIT 275 Program requirement	CMIT 331* (elective)
1	NWIT 291 Program requirement	CMIT 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 CMSC 253 from MC)	---
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
SPCH 100 Foundations of Oral Communication or other COMM, SPCH, WRTG Gen Ed Communications	3
ECON 103 Economics in the Information Age or other Gen Ed Behavioral & Social Science	3
◆ CMIT 351 Switching, Routing, and Wireless Essentials (required for the major)	3UL
WRTG 393 Advanced Technical Writing or other upper-level writing (Gen Ed Communications)	3UL
Elective	3
◆ Any upper-level CMIT (to fulfill upper-level & residency requirements within the major)	3UL
Elective (must be taken upper-level)	3UL
◆ Any upper-level CMIT (to fulfill upper-level & residency requirements within the major)	3UL
Elective (must be taken upper-level)	3UL
Elective	3
◆ 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
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	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