



## MC ASSOCIATE OF ARTS IN COMPUTER SCIENCE & TECHNOLOGIES INFORMATION SCIENCES & SYSTEMS AREA OF CONCENTRATION

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.



## UMGC BACHELOR OF SCIENCE IN CYBERSECURITY TECHNOLOGY

### UMGC Maryland Community College Alliances

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)
3-4	MATH 117 or higher Mathematics Gen Ed req (not 130, 131)	STAT 200, MATH 106, or higher Gen Ed Mathematics
3	CMSC 110 Program requirement	IFSM 201 (Gen Ed Computing)
3	Arts Distribution Gen Ed requirement	Gen Ed Arts & Humanities
3	Behavioral and Social Sciences Distribution Gen Ed req ^^^	Gen Ed Behavioral & Social Science
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	CMSC 140 Program requirement	CMSC 105 (elective)
3	NWIT 127 recom'd Program elective ++	◆ CMIT 202 (required for the major)
3	Arts or Humanities Distribution or Health Gen Ed req ‡	Elective
4	Natural Sciences Distribution w/ Lab Gen Ed requirement	Gen Ed Biological & Physical Lab Science
3	CMSC 243 Program requirement	IFSM 461* (elective)
3	Behavioral and Social Sciences Distribution Gen Ed req ^^^	Gen Ed Behavioral & Social Science
3	Humanities Distribution Gen Ed requirement	Gen Ed Arts & Humanities
3	Program elective ++	Elective
3	NWIT 151 recom'd Program elective ++	◆ CMIT 265 (required for the major)
3	COMM 108 or COMM 112 Gen Ed requirement	SPCH 100 or SPCH elective (Gen Ed Communications)
4	NWIT 173 recom'd Program elective ++	◆ CMIT 320* (required for the major)
4	Program elective ++	Elective
3	Natural Sciences Distribution w/ out Lab Gen Ed requirement	Gen Ed Biological & Physical Science
60-61	<b>Total Credits Transferred</b>	<b>Total Credits Transferred</b>

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 MC)	--
PACE 111T Program and Career Exploration in Technology or any PACE 111	3
◆ CMIT 291 Introduction to Linux (required for the major)	3
Elective	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
◆ 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
Elective	3
◆ CMIT 386 Penetration Testing and Cyber Red Teaming or any upper-level CMIT (required for the major)	3UL
Elective	3
Elective	3
◆ CCJS 321 Digital Forensics in the Criminal Justice System or any upper-level CMIT (required for the major)	3UL
Elective	3
Elective	3
◆ CMIT 495 Cybersecurity Technology Capstone (required capstone for the major)	3UL
Elective	2-3
<b>TOTAL CREDITS REMAINING AT UMGC</b>	<b>59-60</b>

**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) / ◆<sup>1</sup> = Course in major at UMGC / \*<sup>2</sup> = Lower-level course meets content requirement of upper-level course but does not transfer as upper-level / UL<sup>3</sup> = Upper-level course (numbered 300-499)

<sup>1</sup> ◆ Course in major at UMGC

<sup>2</sup> \* Lower-level course meets content requirement of upper-level course but does not transfer as upper-level

<sup>3</sup> UL Upper-level course (numbered 300-499)

## MONTGOMERY COLLEGE NOTES:

- <sup>4</sup> = ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or elective. Please consult an advisor or transfer institution for assistance with course selection.
- <sup>5</sup> = Behavioral and Social Science Distribution (BSSD) courses must come from different disciplines.
- <sup>6</sup> = Many, but not all four-year institutions require MATH 150 or MATH 181 as a Mathematics foundation. Students should consult with an advisor regarding the requirements of transfer institutions.
- <sup>7</sup> = Students should consult an advisor regarding the requirements of transfer institutions. For some institutions, MGMT 201 may be appropriate, for others (e.g., The Smith School at the University Maryland) another course will be more appropriate. If necessary, use as needed to fill the 60-credit requirement.
- <sup>8</sup> = Students must complete one Global or Cultural Perspectives designated course as part of their General Education Program to graduate

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