

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.

UMGC BACHELOR OF SCIENCE IN CYBERSECURITY TECHNOLOGY
UMGC Maryland Community College Alliances

Degree requirements may change based on date of initial enrollment at UMGC. **UMGC Notes at bottom of this page. Montgomery College Notes on next page.**

| 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 | CMSC 105 (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</i> |
| 3-4 | MATH 117 or higher Mathematics Gen Ed req (not 130, 131) | STAT 200, MATH 106, or higher 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 Sciences Distribution Gen Ed req | 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 |
| 60-61 | 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 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 |
| Elective | | 3 |
| 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 |
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| 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 |
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| ◆ 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 Cybersecurity Technology Capstone (required capstone for the major) | | 3UL |
| Elective | | 2-3 |
| TOTAL CREDITS REMAINING AT UMGC | | 59-60 |

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 / ◆ = Course in major at UMGC / * = Lower-level course meets content requirement of upper-level course but does not transfer as upper-level / UL³ = Upper-level course (numbered 300-499)

MONTGOMERY COLLEGE NOTES:

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)

- ⁴ = 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.
- ⁵ = Behavioral and Social Science Distribution (BSSD) courses must come from different disciplines.
- ⁶ = 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.
- ⁷ = 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.
- ⁸ = Students must complete one Global or Cultural Perspectives designated course as part of their General Education Program to graduate.

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