BlueRidge
COMMUNITY AND TECHNICAL COLLEGE

UNIVERSITY OF MARYLAND GLOBAL CAMPUS

BRCTC ASSOCIATE OF APPLIED SCIENCE IN CYBER SECURITY

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	BLUE RIDGE COMMUNITY AND TECHNICAL COLLEGE Requirements for Associate's Degree	UNIVERSITY OF MARYLAND GLOBAL CAMPUS Requirements for Bachelor's Degree
3	CAS 111 Gen Ed requirement	IFSM 201 (Gen Ed Computing)
3	COMM 202 Gen Ed requirement	SPCH 100 (Gen Ed Communications)
3	ENGL 110 Gen Ed requirement	WRTG 293 (Gen Ed Communications)
3	IT 105 Gen Ed requirement	IFSM 304* (elective)
3	MATH 105 Gen Ed requirement	MATH 107 (Gen Ed Mathematics)
3	CNET 111 Program requirement	CMIT elective
3	CNET 121 recom'd Program elective	♦ CMIT 265 (required for the major)
3	CYBR 101 Program requirement	CSIA elective
3	CYBR 160 Program requirement	♦ CMIT 320* (required for the major)
3	CYBR 192 Program requirement	CMIT elective
3	CYBR 210 Program requirement	CMIT 460* (elective)
3	CYBR 284 Program requirement	CMIT 454* (elective)
2-6	CGEN 292 Program requirement	COOP elective
3	IT 185 Program requirement	♦ CMIT 291 (required for the major)
4	IT 244 Program requirement	♦ CMIT 326* (required for the major)
3	IT 269 or CYBR 290 Program requirement	IFSM 438* or CMIT 424* (elective)
3	SDE 188 Program requirement	CMIS 102 (elective)
3	IT 180 recom'd Program elective	♦ CMIT 202 (required for the major)
3	CYBR 281 recom'd Program elective	♦ CMIT 321* (required for the major)
3	CYBR 291 recom'd Program elective	CMIT 421* (elective)
60-64	**Total Credits Transferred**	**Total Credits Transferred**

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 BRCTC)	---
PACE 111T Program and Career Exploration in Technology or any PACE 111	3
NUTR 100 Elements of Nutrition or any Gen Ed Biological & Physical Science	3
WRTG 112 Academic Writing II (Gen Ed Communications; *must be completed with C- or better*)	3
HIST 125 Technological Transformations or any Gen Ed Arts & Humanities	3
BIOL 103 Introduction to Biology or any Gen Ed Biological & Physical Lab Science	4
BEHS 103 Technology in Contemporary Society or any Gen Ed Behavioral & Social Science	3
ARTH 334 Understanding Movies or any Gen Ed Arts & Humanities	3
ECON 103 Economics in the Information Age or any Gen Ed Behavioral & Social Science	3
♦ CMIT 351 Switching, Routing, and Wireless Essentials (required for the major)	3UL
WRTG 393 Advanced Technical Writing or any upper-level writing (Gen Ed Communications)	3UL
♦ Any upper-level CMIT (to meet upper-level & residency requirements within the major)	3UL
Elective	3
♦ CMIT 386 Penetration Testing & Cyber Red Teaming or any upper-level CMIT (required for the major)	3UL
Elective	3
♦ Any upper-level CMIT (to meet upper-level & residency requirements within the major)	3UL
♦ CCJS 321 Digital Forensics in the Criminal Justice System or any upper-level CMIT (required for the major)	3UL
Elective	3
♦ CMIT 495 Cybersecurity Technology Capstone (required capstone for the major)	3UL
Elective	1-5
TOTAL CREDITS REMAINING AT UMGC	**56-60**

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) / ♦[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)

---

[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)