

DEGREE MAP AND TRANSFER GUIDE

This guide aligns course articulations from a College of Southern Maryland (CSM) associate's degree to a UMGC bachelor's degree and additional bachelor's degree requirements for Academic Catalog year 2025-2026. See a community college advisor for associate degree course sequencing. UMGC degree requirements and course articulations may change based on your initial UMGC enrollment term. UMGC offers multi-term registrations in 8-week sessions. In your transfer year, meet with a UMGC advisor to plan your UMGC schedule.

CREDITS	CSM AAS IN CYBERSECURITY Requirements for Associate's Degree	UMGC BS IN APPLIED TECHNOLOGY Requirements for Bachelor's Degree
3	ENG 1010 Gen Ed req. (<i>must be completed with C or better</i>)	WRTG 112 (Gen Ed Communications)
3	ITS 1055 Program requirement	♦ IFSM 201 (major any-discipline; outside of primary focus area)
3	COM 1010 Gen Ed requirement	SPCH 100 (Gen Ed Communications)
3	MTH 1010 or MTH 1120 Gen Ed requirement	MATH 105 or MATH 107 (Gen Ed Mathematics)
3	Biological/Physical Sciences Gen Ed requirement	Gen Ed Biological & Physical Science
3	ENG 2050 Gen Ed requirement	WRTG 293 (Gen Ed Communications)
3	ITS 1960 Program requirement	♦ CMIT 291 (1 st major any-level; <i>same</i> ^A primary focus area)
3	ITS 2090 Program requirement	♦ CMIT 320* (2 nd major any-level; <i>same</i> ^A primary focus area)
3	ITS 2190 Program requirement	CMIT 369* (Gen Ed Computing)
3	ITS 2511 Program requirement	CMIT 265 (elective)
3	CSC 1100 Program requirement	♦ CMSC 105 (major any-discipline; outside of primary focus area)
3	ITS 2536 Program requirement	CMIT 454* (elective)
3	ITS 2516 Program requirement	CMIT 351* (elective)
3	ITS 2545 Program requirement	CMIT 425* (elective)
3	Soc./Behavioral Sci. & Cultural/Global Awareness Gen Ed req.	Gen Ed Behavioral & Social Science
3	ITS 2500 Program requirement	CMIT 321* (elective)
3	ITS 2555 Program requirement	♦ CCJS 321* (major any-discipline; outside of primary focus area)
3	ITS 2527 Program requirement	CMIT elective
3	ITS 1120 or ITS 2400 Program elective	CMSC elective or CMIT 326* (elective)
3	Arts/Humanities recom'd Gen Ed elective (not COM)	Gen Ed Arts & Humanities
60	Estimated Credits Transferred	Estimated Credits Transferred
REMAINING BACHELOR'S DEGREE REQUIREMENTS (recommended sequence)		CREDITS
LIBS 150 Introduction to Research or any Gen Ed credit (to be fulfilled with 1 Gen Ed credit from CSM)		---
PACE 111T Program and Career Exploration in Technology or any PACE 111		3
BIOL 103 Introduction to Biology or any Gen Ed Biological & Physical Lab Science		4
HIST 125 Technological Transformations or any Gen Ed Arts & Humanities		3
ECON 103 Economics in the Information Age or any Gen Ed Behavioral & Social Science		3
♦ Any upper-level CMIT course (3 rd major upper-level; <i>same</i> ^A primary focus area)		3UL
WRTG 393 Advanced Technical Writing or any upper-level writing (Gen Ed Communications)		3UL
Elective		3
♦ Applied elective outside of the primary focus area—computing discipline strongly encouraged (required for the major)		3
Elective		3
Elective		3
♦ Applied elective outside of the primary focus area—computing discipline strongly encouraged (required for the major)		3
Elective		3
Elective (must be taken upper-level)		3UL
Elective		3
♦ Applied elective outside of the primary focus area—computing discipline strongly encouraged (required for the major)		3
Elective		3
Elective (must be taken upper-level)		3UL
Elective		3
♦ APTC 495 Capstone in Applied Technology (required for the major)		3UL
Elective		2
ESTIMATED CREDITS REMAINING AT UMGC		60

NOTES: Minimum of 120 credits, including 30 with University of Maryland Global Campus (UMGC) of which at least 15 must be upper-level, are required for the bachelor's degree with a UMGC grade point average (GPA) of 2.0 (C) or higher / UMGC does not accept grades below C (2.0) in transfer from schools outside the University System of Maryland and 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 and maximum of 90 transfer credits from all sources combined (actual number of transfer credits dependent on meeting all UMGC bachelor's degree requirements) / ♦¹ = Major core, major elective, or capstone: all courses within the major require a grade of C (2.0) or higher, and all majors (except APTC, GECU, and CJLE, which require only the capstone as UMGC graded coursework) must complete at least half of these as 1) traditional college courses earning a grade and 2) UMGC resident credit / *² = Lower-level course meets content requirement of upper-level course but does not transfer as upper-level / UL³ = Upper-level course (numbered 300-499) / ^{4A} = Primary focus area: a single computing discipline chosen from ARIN, CMIT, CMSC, CMST, CSIA, CYOP, DATA, DRON, or IFSM; Applied elective area(s): one or more additional disciplines outside of the primary focus area / Visit [UMGC Maryland Community College Alliances](#) to learn more!

¹ ♦ Major core, major elective, or capstone

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)

^{4A} Primary focus areas: ARIN, CMIT, CMSC, CMST, CSIA, CYOP, DATA, DRON, IFSM; Applied elective area(s): disciplines outside of primary focus area