



CCC ASSOCIATE OF APPLIED SCIENCE IN
COMPUTER INFORMATION SYSTEMS

Students transferring from CCC 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 APPLIED TECHNOLOGY

UMGC Maryland Community College Alliances

Degree requirements may change based on date of initial enrollment at UMGC.

CREDITS	CARROLL COMMUNITY COLLEGE Requirements for Associate's Degree	UNIVERSITY OF MARYLAND GLOBAL CAMPUS Requirements for Bachelor's Degree
3	CIS 105 Program requirement	CMSC elective
3	CYBR 108 Program requirement	CMIT 202 (Gen Ed Computing)
3	CYBR 121 Program requirement	◆ CMIT 265 (1 st major any-level; <i>same</i> ^A primary computing focus area)
3	ENGL 101 Gen Ed requirement	WRTG 112 (Gen Ed Communications; <i>must be completed with 'C-' or better</i>)
3-5	MATH 115, MATH 121, or higher Mathematics Gen Ed req	STAT 200, MATH 106, or higher Gen Ed Mathematics
3	CYBR 122 Program requirement	◆ CMIT 320* (2 nd major any-level; <i>same</i> ^A primary computing focus area)
3	CIS 124 Program requirement	CMSC 310* (elective)
3	CIS 137 Program requirement	◆ CMST 385* (major any-discipline; outside of primary focus area)
3	COMM 105 Gen Ed requirement	SPCH 101 (Gen Ed Communications)
3	Social and Behavioral Sciences Gen Ed requirement	Gen Ed Behavioral & Social Science
3	CIS 132 Program requirement	◆ CMSC 115 (major any-discipline; outside of primary focus area)
3	CIS 148 Program requirement	CMSC 320* (elective)
3	CIS 234 Program requirement	◆ CMST 488* (major any-discipline; outside of primary focus area)
3	Any CIS or CYBR Program elective	Elective
4	Biological and Physical Sciences w/ Lab Gen Ed requirement	Gen Ed Biological & Physical Lab Science
3	CIS 232 Program requirement	CMSC 215 (elective)
3	CIS 237 Program requirement	CMST 463* (elective)
2	CIS 271 Program requirement	CMIT elective
3	Any CIS Program elective	Elective
3	ANTH 101, SOC 101, 210, or 215 recom'd Diversity Gen Ed req	Gen Ed Behavioral & Social Science
3	PHIL 105 Gen Ed requirement	PHIL 140 (Gen Ed Arts & Humanities)
63-65	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 CCC)	---
PACE 111T Program and Career Exploration in Technology or other PACE 111	3
WRTG 293 Introduction to Professional Writing or other writing (Gen Ed Communications)	3
NUTR 100 Elements of Nutrition or other Gen Ed Biological & Physical Science	3
HIST 125 Technological Transformations or other Gen Ed Arts & Humanities	3
WRTG 393 Advanced Technical Writing or other upper-level writing (Gen Ed Communications)	3UL
◆ Any upper-level CMIT course (3 rd major upper-level; <i>same</i> ^A primary computing focus area)	3UL
Elective	3
◆ Major upper-level course in any discipline (outside of primary focus area)	3UL
Elective	3
◆ Major upper-level course in any discipline (outside of primary focus area)	3UL
◆ Major upper-level course in any discipline (outside of primary focus area)	3UL
Elective (must be taken upper level)	3UL
Elective (must be taken upper level)	3UL
Elective (must be taken upper level)	3UL
Elective (must be taken upper level)	3UL
Elective (must be taken upper level)	3UL
Elective (must be taken upper level)	3UL
◆ APTC 495 Capstone in Applied Technology (required capstone for the major)	3UL
Elective	1-3
TOTAL CREDITS REMAINING AT UMGC	55-57

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 any major and minor comprised of: a. upper-level; b. traditional college courses earning a grade / Only APTC 495 must be completed as UMGC resident credit within Applied Technology major / At least one-half of minor must be comprised of UMGC resident credit / 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 degree requirements) / WRTG 112 completed with grade of 1.67 GPA (C-) or better / ◆¹ = Course in major at UMGC / ◆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) / ◆⁴ = Primary computing focus areas: CMIT, CMSC, CMST, CSIA, DATA, IFSM, SDEV

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 ◆ Primary computing focus areas: CMIT, CMSC, CMST, CSIA, DATA, IFSM, SDEV