



MONTGOMERY COLLEGE ASSOCIATE OF ARTS IN COMPUTER SCIENCE & TECHNOLOGIES – COMPUTER SCIENCE CONCENTRATION

Students transferring from Montgomery College with a conferred Associate of Arts or Associate of Science degree will have the Gen Ed (General Education Requirement) block of courses met at UMGC (A.A.S. degrees not included). Please see community college advisor for course sequencing.



UNIVERSITY OF MARYLAND GLOBAL CAMPUS

**CATALOG YEAR:
2021-2022**

UMGC BACHELOR OF SCIENCE IN COMPUTER SCIENCE

<http://www.umgc.edu/transfers-and-credits/community-college-alliances/maryland-community-college-alliances.cfm>

CREDITS	MONTGOMERY COLLEGE Requirements for Associate Degree	UNIVERSITY OF MARYLAND GLOBAL CAMPUS Requirements for Bachelor's Degree
3	ENGL 101 Program requirement *	WRTG elective (Gen Ed Communications)
4	MATH 181 (required Gen Ed Math Foundation)	MATH 140 (Gen Ed Mathematics; related requirement to the major)
3	CMSC 140 Program requirement	CMIS 102 (Gen Ed Computing; prerequisite to the major)
3	Arts distribution course	Gen Ed Arts & Humanities
3	Behavioral and Social Science distribution	Gen Ed Behavioral & Social Science
3	ENGL 102 (recom'd English Foundation)	WRTG 112 (<i>Must be completed with a grade of C- or better</i>)
4	CMSC 203 Program requirement	◆ CMIS 141 (required for the major)
4	MATH 182 (required Math Foundation)	MATH 141 (elective; related requirement to the major)
3	Arts <u>or</u> Humanities distribution <u>or</u> Health course ††	Gen Ed Arts & Humanities
4	CMSC 204 Program requirement	◆ CMIS 242 (required for the major)
3	Humanities distribution course	Elective
4	Natural Science distribution with lab	Gen Ed Biological & Physical Lab Science
3	Program elective †	Elective
3	COMM 108 <u>or</u> COMM 112 Gen Ed requirement	SPCH 100 or SPCH elective (Gen Ed Communications)
4	CMSC 207 Program requirement	CMSC 150 (elective; related requirement to the major)
3	Behavioral and Social Science distribution **	Gen Ed Behavioral & Social Science
3	Natural Science distribution without lab	Gen Ed Biological & Physical Science
3	Program elective †	Elective
60	Total Credits Transferred	
REMAINING UMGc DEGREE REQUIREMENT RECOMMENDED SEQUENCE UPON TRANSFER WITH ASSOCIATE DEGREE		
	LIBS 150, CAPL 398A, or other Gen Ed course (will be fulfilled by 1 credit of CMSC 140 from MC)	---
	PACE 111T or other 3 credit PACE course	3
	◆ CMIS 310 (required for the major)	3UL
	◆ SDEV 300 (required for the major)	3UL
	◆ CMSC 350 (required for the major)	3UL
	Elective	3
	◆ CMSC 330 (required for the major)	3UL
	WRTG 393 or other upper-level writing (Gen Ed Communications)	3UL
	Elective	3
	◆ CMSC 335 (required for the major)	3UL
	Elective	3
	◆ CMIS 330 (required for the major)	3UL
	Elective	3
	◆ CMIS 320 (required for the major)	3UL
	Elective	3
	◆ CMSC 430 (required for the major)	3UL
	Elective (must be taken upper-level)	3UL
	◆ CMSC 451 (required for the major)	3UL
	Elective	3
	◆ CMSC 495 (required capstone for the major)	3UL
	Elective	3
TOTAL CREDITS REMAINING AT UMGc		60
<p>NOTES: Minimum of 120 credits, including 36 upper-level (courses numbered 300-499) required for bachelor's degree with minimum 2.0 (C) grade point average (GPA) / No course within major or minor below 2.0 GPA / 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 / 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 / ◆ = Denotes course in major at UMGc / * = Denotes lower-level course meets content requirement of upper-level course but does not transfer as upper-level / UL = Denotes upper-level course</p> <p>MONTGOMERY COLLEGE NOTES: * 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. / ** Behavioral and Social Science Distribution (BSSD) courses must come from different disciplines. / † Program elective courses are any CMSC Courses, MATH 117, MATH 165, MATH 280, MATH 282, MATH 284. Up to four credits can be elective courses. See department advisor for elective or equivalent course substitution if appropriate. Not all CMSC courses transfer to all institutions. Please consult an advisor or</p>		

the transfer institution before selecting program elective courses. / †† Please consult an advisor or the transfer institution before selecting general education institutional requirements (GEIR).