Suggested Transfer Pathway
Montgomery College A.A. in Computer Science & Technologies, Information Sciences & Systems to University of Maryland, College Park-USG's B.S. in Information Science

Catalog Year: 2022-2023, Total Credits: 60

0 - 32 credits – Montgomery College

Courses may be taken in any order (pending prerequisites)

Fall Semester	Cr
ENGL101 (if needed, or program elective)	3
MATH150 or MATH165	4
PSYC102 General Psychology	3
CMSC110 Computer Concepts	3
Arts Distribution *	3
Total Credits	**16**

Spring Semester	Cr
ENGL102 or ENGL103 English Foundation	3
CMSC140 Intro to Programming	3
Natural Sciences Lab Distribution *	4
Arts or Humanities Distribution * (GEIR)	3
Elective † MATH117 Statistics (recommended)	3
Total Credits	**16**

33 - 60 credits – Montgomery College

Fall Semester	Cr
CMSC243 Systems Analysis and Design	3
Behavioral & Social Sci. Distribution (BSSD)** (non-PSYC)	3
Humanities Distribution *	3
Elective † CMSC135 (recommended)	3
Elective † *	3
Total Credits	**15**

Spring Semester	Cr
Natural Sciences Distribution *	3
COMM108 or COMM112 (GEIR)	3
Elective † CMSC201 (recommended)	3
Elective † *	4
Total Credits	**13**

Apply to graduate from MC with an A.A. in **Computer Science & Technologies, Information Sciences & Systems**

† Program Electives: ACCT221, ACCT222; BSAD101, CMSC100, CMSC141, any 200-level CMSC except CMSC 220, 234, 237, 240, 253 or 269; ECON201, ECON202, MATH150 or MATH181, MATH 151 or MATH182, MGMT101 and MGMT211; TECH276.

* There must be at least 12 credits total at the 200-level to earn the A.A. degree
** BSSD courses must be from different subjects

Year Three - UMD @ USG

Fall Semester	Cr
INST201 Intro to Information Science	3
INST311 Information Organization	3
INST326 Object-Oriented Programming	3
INST314 Statistics for Information Science	3
INST335 Teams and Organizations	3
Total Credits	**15**

Spring Semester	Cr
INST327 Database Design and Modeling	3
INST352 Information User Needs & Assessment	3
INST362 User-Centered Design	3
Major Elective	3
Major Elective	3
Total Credits	**15**

Year Four - UMD @ USG

Fall Semester	Cr
Professional Writing	3
INST346 Technologies, Infrastructure & Architecture	3
Major Electives	9
Total Credits	**15**

Spring Semester	Cr
Major Elective	3
INST490 Integrative Capstone	3
Electives	9
Total Credits	**15**

UMD Contact: Tetyana Bezbabna, Assistant Director of Information Science Program at USG
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[A.A. in Computer Science and Technologies, Information Sciences and Systems](#) to [UMD-USG B.S. in Information Science](#)

Catalog Year: 2022-2023, Total Credits: 60, Courses may be taken in any order (pending prerequisites)

Name:		Date:	ID#	
Foundation Courses	**COURSE**	**HRS**	**GRADE**	
English Foundation (ENGL102 or ENGL103)	ENGL	3		
Math Foundation, MATH150 Calculus I or MATH165 Precalculus	MATH	4		
Distribution Courses	**COURSE**	**HRS**	**GRADE**	
Arts Distribution *		3		
Humanities Distribution *		3		
General Psychology	PSYC102	3		
Behavioral & Social Science Distribution** (Non-PSYC)		3		
Natural Science Distribution with Lab *		4		
Natural Science Distribution *		3		
General Education Elective	**COURSE**	**HRS**	**GRADE**	
COMM108 or COMM112 (GEIR)	COMM	3		
Arts Distribution or Humanities Distribution * (GEIR)		3		
Program Requirements	**COURSE**	**HRS**	**GRADE**	
ENGL101 (if needed for ENGL102 or ENGL103, program elective if not)		3		
Computer Concepts	CMSC110	3		
Intro to Programming	CMSC140	3		
Systems Analysis and Design	CMSC243	3		
Elective † MATH117 Elements of Statistics (recommended)	MATH117	3		
Elective † CMSC135 Intro to Scripting (recommended)		3		
Elective † CMSC201 Java Programming Language (recommended)		3		
Elective † *		3		
Elective † *		4		

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