



**MONTGOMERY COLLEGE  
AA IN INFORMATION SCIENCE & SYSTEM TRACK,  
COMPUTER SCIENCE & TECHNOLOGIES  
TO UNIVERSITY OF MARYLAND UNIVERSITY COLLEGE  
BS IN INFORMATION SYSTEMS MANAGEMENT  
TRANSFER GUIDE**

**CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS** See catalog for overview of all requirements.

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| <ul style="list-style-type: none"> <li><input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper-level credits.</li> <li><input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor.</li> <li><input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor.</li> <li><input type="checkbox"/> Prerequisites for major and minor courses, if needed.</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> All General Education Requirements.</li> <li><input type="checkbox"/> Grade of C or better in all courses for the major and minor.</li> <li><input type="checkbox"/> Grade of C- or better for WRTG 101</li> <li><input type="checkbox"/> Overall GPA of at least 2.0.</li> <li><input type="checkbox"/> At least half the credit for the major earned through graded coursework.</li> <li><input type="checkbox"/> Total 120 credits.</li> </ul> |
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UMUC DEGREE REQUIREMENTS	MC COURSES	UMUC EQUIVALENCY	CREDITS FROM MC	CREDITS NEEDED AT UMUC
<b>COMMUNICATIONS</b>		<b>Credits:</b>		<b>9</b>
WRTG 101 (3)	ENGL 102 or ENGL 103	WRTG 101	3	
WRTG 100A (3) <i>Or other 3-credit WRTG course except 288, 388, 486A, 486B. COMM 390, 492, ENGL 102 and JOUR 201 apply</i>	ENGL 101	WRTG	3	
COMM 202 (3) <i>Or other communication, writing, or speech</i>	COMM 108 or 112	SPCH 100 or SPCH	3	
WRTG 393 (3) <i>Or other upper-level advanced writing</i>				3UL
<b>ARTS AND HUMANITIES</b>		<b>Credits:</b>		<b>6</b>
HUMN 100 (3) <i>Or other arts/humanities</i>	Arts Distribution	Arts & Humanities	3	
HIST 125 (3) <i>Or other arts/humanities</i>	Arts or Humanities Distribution	Arts & Humanities	3	
<b>BEHAVIORAL AND SOCIAL SCIENCES</b>		<b>Credits:</b>		<b>6</b>
ECON 103 (3) <i>Or other behavioral/social science</i>	Behavioral & Social Sciences Distribution	Behavioral & Social Sciences	3	
BEHS 103 (3) <i>Or other behavioral/social science</i>	Behavioral & Social Sciences Distribution from a 2nd discipline	Behavioral & Social Sciences	3	
<b>BIOLOGICAL AND PHYSICAL SCIENCES</b>		<b>Credits:</b>		<b>7</b>
BIOL 103 (4) <i>Or other biological/physical science with related lab</i>	Natural Sciences Distribution with Lab	Lab Science	4	
NSCI 100 (3) <i>Or other 3-credit biological/physical science</i>	Natural Sciences Distribution	Science	3	
<b>MATHEMATICS</b>		<b>Credits:</b>		<b>3</b>
MATH 106 (3) <i>or other approved math GenEd course (MATH 106, MATH 107, STAT 200, or more advanced MATH or STAT)</i>	MATH 110 Recom'd Mathematics Foundation	MATH 106	3	
<b>INTERDISCIPLINARY OR EMERGING ISSUES</b>		<b>Credits:</b>		<b>3</b>
LIBS 150 (1)				1
CMIS 102 (3) <i>Or programming language course (C++, Java, or C# recommended.) Related requirement for major</i>				3
IFSM 201 (3) <i>Prerequisite to required major courses</i>	CMSC 110	IFSM 201	3	

**Legend/Notes**

- ◆ required course for the major or minor
  - \* course meets content requirement but not upper-level minimum
  - UL – UL stands for upper-level junior/senior courses and denotes the minimum upper-level credit that must be taken at UMUC for graduation
  - ^ only 21 credits of vocational technical are permitted for transfer at UMUC
- Courses placed in the ELECTIVES/MINOR section may meet degree requirements depending on which course the student takes from the list of courses offered for the associate's degree. Any credit applied to the associate's degree must also meet UMUC's transfer credit policy.

UMUC DEGREE REQUIREMENTS	MC COURSES	UMUC EQUIVALENCY	CREDITS FROM MC	CREDITS NEEDED AT UMUC
<b>INFORMATION SYSTEMS MANAGEMENT MAJOR</b>	<b>Credits:</b>		<b>0</b>	<b>30</b>
◆ IFSM 300 Information Systems in Organizations (3)				3UL
◆ IFSM 301 Foundations of Information Systems Management (3)				3UL
◆ IFSM 304 Ethics in Information Technology (3)				3UL
◆ IFSM 310 Software and Hardware Infrastructure Concepts (3)				3UL
◆ CMIS 320 Relational Database Concepts and Applications (3)				3UL
◆ IFSM 311 Enterprise Architecture (3)				3UL
◆ IFSM 370 Telecommunications in Information Systems (3)				3UL
◆ IFSM 438 Information Systems Project Management (3)				3UL
◆ IFSM 461 Systems Analysis & Design (3)				3UL
◆ IFSM 432 Business Continuity Planning (3)				3UL
<b>CAPSTONE COURSE FOR MAJOR</b>	<b>Credits:</b>		<b>0</b>	<b>3</b>
◆ IFSM 495 Trends & Practical Applications in Information Systems Management (3)	<b>MUST BE TAKEN AT UMUC</b>			3UL
<b>ELECTIVES/MINOR</b>	<b>Credits:</b>		<b>26</b>	<b>20</b>
<p>Choose any electives to meet degree requirements. Note minimum requirements for upper-level coursework.</p> <p>See requirements of individual minor. Recommended minors: Business Administration, Cybersecurity, Marketing</p> <p>Recommended: MATH 140 (for those continuing to graduate school) and WRTG 490</p>	CMSC 140	CMIS	3	
	Electives	Electives	17	
	CMSC 243	IFSM 461*	3	
	Humanities Distribution	Elective	3	
	Upper-Level Electives at UMUC			
Any Electives at UMUC				11
<b>Total Minimum Credits Needed for Graduation: 120</b>	<b>Total Credits:</b>		<b>60</b>	<b>60</b>