



**MONTGOMERY COLLEGE  
AAS IN COMPUTER APPLICATIONS DATABASE SYSTEMS TRACK  
TO UNIVERSITY OF MARYLAND UNIVERSITY COLLEGE  
BS IN DIGITAL MEDIA AND WEB TECHNOLOGY  
TRANSFER GUIDE**

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

<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper-level credits. <input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor. <input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor. <input type="checkbox"/> Prerequisites for major and minor courses, if needed.	<input type="checkbox"/> All General Education Requirements. <input type="checkbox"/> Grade of C or better in all courses for the major and minor. <input type="checkbox"/> Overall GPA of at least 2.0. <input type="checkbox"/> At least half the credit for the major earned through graded coursework. Total 120 credits.
---	--

UMUC DEGREE REQUIREMENTS	MC COURSES	UMUC EQUIVALENCY	CREDITS FROM MC	CREDITS NEEDED AT UMUC
		<b>Credits:</b>	<b>9</b>	<b>3</b>
<b>COMMUNICATIONS</b>				
WRTG 101 or WRTG 101S Introduction to Writing (3)	ENGL 102 or ENGL 103	WRTG 101 or 293	3	
WRTG 293 (3) <i>Or other 3-credit WRTG course except 288, 388, 486A, 486B. 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>Credits:</b>	<b>3</b>	<b>3</b>
<b>ARTS AND HUMANITIES</b>				
HUMN 100 (3) <i>Or other arts/humanities</i>	Arts or Humanities Distribution except	Arts & Humanities	3	
HIST 125 (3) <i>Or any ARTH or HIST from a 2<sup>nd</sup> discipline</i>				3
		<b>Credits:</b>	<b>3</b>	<b>3</b>
<b>BEHAVIORAL AND SOCIAL SCIENCES</b>				
ECON 103 (3) <i>Or other first behavioral/social science</i>	Behavioral & Social Sciences Distribution	Behavioral & Social Sciences	3	
GVPT 401 (3) <i>Or other upper-level behavioral/social science from a 2<sup>nd</sup> discipline</i>				3UL
		<b>Credits:</b>	<b>4</b>	<b>3</b>
<b>BIOLOGICAL AND PHYSICAL SCIENCES</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>				3
		<b>Credits:</b>	<b>3</b>	<b>0</b>
<b>MATHEMATICS</b>				
MATH 106 <i>or higher-level math course</i> (3)	MATH 110 Recom'd Mathematics Foundation	MATH 106	3	
		<b>Credits:</b>	<b>6</b>	<b>1</b>
<b>INTERDISCIPLINARY OR EMERGING ISSUES</b>				
LIBS 150 Introduction to Research (1)				1
CMST 301 Digital Media and Society or IFSM 201 (3)	CMSC 110 Recom'd Elective	IFSM 201	3	
CMIS 111 Social Networking and Cybersecurity Best Practices (3) <i>Or another computing course appropriate to the academic major</i>	CMAF 106	CMST	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>DIGITAL MEDIA AND TECHNOLOGY MAJOR</b>		<b>Credits:</b>		<b>0</b>	<b>6</b>
◆ CMST 290 Introduction to Interactive Design (3)					3
◆ CMST 295 Fundamentals of Digital Media (3)					3
<b>21 credits upper-level CMST Recommended Areas of Focused Study</b>		<b>Credits:</b>		<b>0</b>	<b>21</b>
<b>Web Design</b>	<b>Digital Design</b>				
◆ CMST 385 Principles of Web Design and Technology I (3)	◆ CMST 310 Fundamentals of Electronic Publishing (3)				3UL
◆ CMST 386 Principles of Web Design and Technology II (3)	◆ CMST 311 Advanced Electronic Publishing (3)				3UL
◆ CMST 325 Image Editing I (3)	◆ CMST 325 Image Editing I (3)				3UL
◆ CMST 320 Illustration (3)	◆ CMST 320 Illustration (3)				3UL
◆ CMST 388 JavaScript (3)	◆ CMST 425 Image Editing II (3)				3UL
◆ CMST 450 XML (3)	◆ CMST 341 Multimedia I (3)				3UL
◆ CMST 488 AJAX (3)	◆ CMST 351 Motion Graphics I (3)				3UL
<b>CAPSTONE COURSE FOR MAJOR</b>		<b>Credits:</b>		<b>0</b>	<b>3</b>
◆ CMST 495 Current Trends & Projects in Digital Media & Web Technology (3)		<b>MUST BE TAKEN AT UMUC</b>			3UL
<b>ELECTIVES/MINOR</b>		<b>Credits:</b>		<b>32</b>	<b>17</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 or Graphic Communication</p> <p>Recommended: GRCO 230, GRCO 354, CMIS 485</p>		CMAP 242	CMIS 320*	3	
		CMSC 140	CMIS 102	3	
		TECH 272	CMST 385*	4	
		CMSC 222	CMST 306*	3	
		TECH 278	CMST 460*	4	
		CMAP 245	IFSM	3	
		TECH 282 or 288	CMST 465* or CMST	3	
		Health Foundation	Elective	1	
		Electives	Electives	8	
		Upper-Level Electives at UMUC			
Any Electives at UMUC					2
<b>Total Minimum Credits Needed for Graduation: 120</b>		<b>Total Credits:</b>		<b>60</b>	<b>60</b>