MONTGOMERY COLLEGE
AAS IN COMPUTER GAMING and SIMULATION
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.

- ❑ 30 credits at UMUC, including at least half of the major and minor and 15 upper-level credits.
- ❑ 45 upper-level credits, including half the credit for the major and for the minor.
- ❑ All required courses and minimum number of credits for major and minor.
- ❑ Prerequisites for major and minor courses, if needed.

- ❑ All General Education Requirements.
- ❑ Grade of C or better in all courses for the major and minor.
- ❑ Grade of C- or better for WRTG 101
- ❑ Overall GPA of at least 2.0.
- ❑ 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
COMMUNICATIONS		**Credits:**	**6**	**6**
WRTG 101 (3)	ENGL 102 or ENGL 103	WRTG 101	3	
WRTG 100A (3) *Or other 3-credit WRTG course except 288, 388, 486A, 486B, COMM 390 and 492. ENGL 102 and JOUR 201 apply*	ENGL 101	WRTG	3	
COMM 202 (3) *Or other communication, writing, or speech*				3
WRTG 393 (3) *Or other upper-level advanced writing*				3UL
ARTS AND HUMANITIES		**Credits:**	**4**	**3**
HUMN 100 (3) *Or other arts/humanities*	GDES Elective	Arts & Humanities	4	
HIST 125 (3) *Or other arts/humanities*				3
BEHAVIORAL AND SOCIAL SCIENCES		**Credits:**	**3**	**3**
ECON 103 (3) *Or other behavioral/social science*	Behavioral & Social Sciences Distribution	Behavioral & Social Sciences	3	
GVPT 401 (3) *Or other Upper-Level behavioral/social science*				3UL
BIOLOGICAL AND PHYSICAL SCIENCES		**Credits:**	**7**	**0**
BIOL 103 (4) *Or other biological/physical science with related lab*	Natural Sciences Distribution with Lab	Lab Science	4	
NSCI 100 (3) *Or other 3-credit biological/physical science*	Natural Science Distribution Recom'd General Education Elective	Science	3	
MATHEMATICS		**Credits:**	**3**	**0**
MATH 106 (3) *or other approved math GenEd course (MATH 106, MATH 107, or more advanced MATH or STAT).*	MATH 110 Recom'd Mathematics Foundation	MATH 106	3	
INTERDISCIPLINARY OR EMERGING ISSUES		**Credits:**	**7**	**1**
LIBS 150 (1)				1
IFSM 201 or CMST 301 (3)	CMSC 110 Recom'd Programming Elective	IFSM 201	3	
CMIS 111 (3) *Or another computing course appropriate to the academic major*	TECH 190	CMST 270	4	

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*
# *In order to meet the 45 upper-level semester hour credits required for a bachelor's degree some credits may not transfer*

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
DIGITAL MEDIA AND TECHNOLOGY MAJOR			**Credits:**	**0**	**6**
◆ CMST 290 Introduction to Interactive Design (3)					3
◆ CMST 295 Fundamentals of Digital Media (3)					3
21 credits upper-level CMST Recommended Areas of Focused Study				**0**	
Web Design	**Digital Design**		**Credits:**		**21**
◆ 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 (3)	◆ CMST 325 Image Editing (3)				3UL
◆ CMST 320 Illustration Graphics (3)	◆ CMST 320 Illustration Graphics (3)				3UL
◆ CMST 388 Fundamentals of JavaScript (3)	◆ CMST 425 Advanced Image Editing (3)				3UL
◆ CMST 450 Web Development Using XML (3)	◆ CMST 341 Principles of Multimedia I (3)				3UL
◆ CMST 488 Advanced Javascript (3)	◆ CMST 351 Motion Graphics (3)				3UL
CAPSTONE COURSE FOR MAJOR			**Credits:**	**0**	**3**
◆ CMST 495 Current Trends & Projects in Digital Media & Web Technology (3)		**MUST BE TAKEN AT UMUC**			3UL
ELECTIVES/MINOR			**Credits:**	**31**	**17**
Choose any electives to meet degree requirements. Note minimum requirements for upper-level coursework. See requirements of individual minor. Recommended minors: Business Administration or Graphic Communication Recommended: GRCO 230, GRCO 354, CMIS 485		GDES 140	GRCO	4	
		TECH 272	CMST 385*	4	
		GDES 240	CMST 429*	4	
		TECH 295	CMST	4	
		Program Elective	Elective	10	
		TECH 290	CMST	4	
Upper-Level Electives at UMUC					15UL
Any Electives at UMUC					2
Total Minimum Credits Needed for Graduation: 120			**Total Credits:**	**60**	**60**