

STUDENT NAME _____ DATE _____

**Information Services Technology A.A.S. at CSM to
B.S. IN INFORMATION SYSTEMS MANAGEMENT AT UMUC**

This worksheet is designed to help you plan and track your progress toward your degrees. For full course descriptions, please refer to the current undergraduate *Catalog*.

Courses taken at College of Southern Maryland

Changes in recommended courses may affect other elements of the degree plan. Lower level equivalents of UMUC upper level courses fulfill content requirements but not upper-level minimum credit requirements

 UMUC
Equivalent
Course

Recommended courses are those courses that best fulfill both UMUC and CSM graduation and major requirements. Other options may be available.

UMUC GER Requirement	GENERAL EDUCATION REQUIREMENTS (GER) (18 credits)	
Speech/writing GER	COM 1250 Introduction to Interpersonal Communication (3) <i>Communications/Speech GER</i>	SPCH 125
WRTG 101 Writing GER	ENG 1010 Composition and Rhetoric (3) <i>Communications GER</i>	WRTG 101
English Writing GER	ENG 1020 or ENG 2050 (3) <i>Communications/Writing GER</i>	
Mathematics GER	MTH 1100 College Mathematics <i>or more advanced math</i> (3)	MATH 106
Biological and Physical Sciences GER	Biological / Physical Sciences gen. ed. (3) <i>Biological and physical sciences GER</i>	
First social and behavioral sciences GER	Social / Behavioral Sciences gen. ed. (3) <i>Social and behavioral sciences GER</i>	
INTERDISCIPLINARY AND EMERGING ISSUES (3 credits)		
	ITS 1015 The Information Age: Emerging Technologies (3) <i>First computing GER course at UMUC</i>	IFSM 201
INFORMATION SERVICES TECHNOLOGY RELATED COURSES (42 credits)		
	ITS 1020 Operating Systems Concepts (3)	
	ITS 1040 Systems Analysis and Design (3)	
	ITS 1110 Program Design and Development (3) <i>Second computing GER course and prerequisite for programming courses at UMUC</i>	CMIS 102
	◆ ITS 1120 Introduction to Database (3) <i>Required for UMUC major</i>	◆
	◆ ITS 2090 Computer Security (3) <i>Supplemental UMUC major</i>	◆ CMIT 320
	ITS 2120 Local Area Network Administration (3)	
	ITS 2910 Cooperative Education I: Computer (3)	
	ITS 2940 Cyber Ethics (3)	
	◆ ITS 2250 Data Communications (3) <i>Supplemental UMUC major</i>	◆ CMIS 370
	ITS 2430 Information Technology Center Support (3)	
	EDUC 2650, ITS 1960, ITS 2185, ITS 2190, ITS 2450, ITS 2470, ITS 2620 (3) <i>Professional elective</i>	
	EDUC 2650, ITS 1960, ITS 2185, ITS 2190, ITS 2450, ITS 2470, ITS 2620 (3) <i>Professional elective</i>	
	EDUC 2650, ITS 1960, ITS 2185, ITS 2190, ITS 2450, ITS 2470, ITS 2620 (3) <i>Professional elective</i>	
	EDUC 2650, ITS 1960, ITS 2185, ITS 2190, ITS 2450, ITS 2470, ITS 2620 (3) <i>Professional elective</i>	
Credits transferred: 63 credits		

SEQUENCE at UMUC

Courses are listed in the order in which students should take them.
Changes in courses and order may affect other elements of the degree plan.

NOTES

ADDITIONAL REQUIRED GENERAL EDUCATION COURSES FOR DEGREE (13 credits)		
Biological and Physical Science with Lab GER	NSCI 100 and NSCI 101 (4) <i>Or other biological/physical science GER course with related lab</i>	
First arts and humanities GER	Upper-level HIST or ARTH (3)	UL
Second social and behavioral sciences GER	ANTH 344 (3) <i>Or other second behavioral/social science GER course</i>	UL
Second arts and humanities GER	Upper-level arts & humanities (3) <i>Must be from a second discipline</i>	UL
EMERGING ISSUES (1 credit) If requirement is completed in degree at community college, these credits may be used for electives		
LIBS 150 (1) <i>Required GER course</i>		
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (27 credits)		
STAT 200 (3) <i>Related requirement for major</i>		
◆ CMIS 141 or CMIS 141A (3) <i>Or other programming course for major</i>		
◆ IFSM 300 (3) <i>Required for major</i>		UL
WRTG 393 or WRTG 393X (3) <i>Or other upper-level intensive writing GER course</i>		UL
◆ IFSM 310 (3) <i>Required for major</i>		UL
◆ IFSM 461 (3) <i>Required for major</i>		UL
◆ IFSM 303 (3) <i>Or other upper-level IFSM</i>		UL
◆ IFSM 433 or IFSM 450 (3) <i>Or other upper-level IFSM</i>		UL
◆ IFSM 438 (3) <i>Or other 400-level IFSM</i>		UL
MINOR OR ELECTIVES (15 credits, at least 9 credits upper level for minor)		
See requirements of individual minor. Note minimum requirements for upper-level coursework.		UL
Recommended course: Calculus (MATH 220 or 130/131) for those continuing to graduate school.		UL
Recommended minors: computing, business administration, psychology, marketing		UL
		UL
		UL
ADDITIONAL ELECTIVES (1 credit)		
Choose any courses to meet 120 credits for degree.		
TOTAL: 120 CREDITS		
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"/> All General Education Requirements.
<input type="checkbox"/> 45 upper-level credits, including half the credit for the major and the minor.		<input type="checkbox"/> Grade of C or better in all courses for the major and minor.
<input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor.		<input type="checkbox"/> Overall GPA of at least 2.0.
<input type="checkbox"/> Prerequisites for major and minor courses, if needed.		<input type="checkbox"/> At least half the credit for the major earned through graded coursework.
		<input type="checkbox"/> Total 120 credits.
NOTES:		