



STUDENT NAME _____ DATE _____

**Computer Information Systems 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)	
WRTG 101 Writing GER	ENG 1010 Composition and Rhetoric (3) <i>Communications GER</i>	WRTG 101
Mathematics GER	MTH 1120 College Algebra <i>or more advanced math</i> (3)	MATH 107
Speech/writing GER	COM 1250 or COM 1450 (3) <i>Communications/Speech GER</i>	
English Writing GER	ENG 1020 or ENG 2050 (3) <i>Communications/Writing GER</i>	
Biological and Physical Sciences GER	Biological / Physical Sciences gen. ed. (3) <i>Biological and physical sciences GER</i>	
First social and behavioral sciences GER	ECN 2010 Economics I (3) <i>Recommended Business elective; fulfills 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 and prerequisite for major courses</i>	IFSM 201
COMPUTER INFORMATION SYSTEMS RELATED COURSES (42 credits)		
	ITS 1020 Operating Systems Concepts (3)	
	ITS 1110 Program Design and Development (3) <i>Second computing GER course and prerequisite for programming courses at UMUC</i>	CMIS 102
	◆ ITS 1040 Systems Analysis and Design (3) <i>Required for UMUC major</i>	◆ IFSM 461
	◆ ITS 2690 Java (3) <i>Recommended specialization elective; required for UMUC major</i>	◆ CMIS 141
	ACC 2010 Principles of Accounting I (3)	
	ECN 1015 Introduction to Business in a Market Economy (3)	
	◆ ITS 1120 Introduction to Database (3) <i>Required for UMUC major</i>	◆ IFSM 410
	ITS 2940 Cyber Ethics (3)	
	Information Technology elective (3)	
	Specialization elective (3)	
	◆ ITS 2090 Computer Security (3) <i>Supplemental for UMUC major</i>	◆ CMIT 320
	Information Technology elective (3)	
	MTH 2300 Introduction to Statistics (3) <i>Business elective; related requirement for UMUC major</i>	STAT 200
	Specialization elective (3)	
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) If requirement is completed in degree at community college, these credits may be used for electives**

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	ARTH 370 or HIST 365 (3) <i>Or other upper-level ARTH or HIST</i>	UL
Second social and behavioral sciences GER	ANTH 344 (3) <i>Or other second upper-level behavioral/social science GER course</i>	UL
Second arts and humanities GER	PHIL 315 or HUMN 351 (3) <i>Or other arts and humanities from a second discipline</i>	UL

EMERGING ISSUES (1 credit)LIBS 150 (1) *Required GER course***ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (21 credits)**

◆ IFSM 300 (3) <i>Required for major</i>	UL
WRTG 393 or WRTG 393X (3) <i>Or other upper-level advanced writing GER course</i>	UL
◆ IFSM 310 (3) <i>Required for major</i>	UL
◆ IFSM 303 (3) <i>Or other core course for the major (any upper-level IFSM)</i>	UL
◆ CSIA 303 (3) <i>Or other supplemental major course (any IFSM, CMIS, CMIT, CMSC, CMST, CSIA)</i>	UL
◆ IFSM 438 (3) <i>Or other core course for major</i>	UL
◆ IFSM 433 (3) <i>Or other 400-level core course for major</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
	UL
	UL

ADDITIONAL ELECTIVES (7 credits)

Choose any courses to meet 120 credits for degree.	UL
	UL

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"/> 45 upper-level credits, including half the credit for the major and 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. <input type="checkbox"/> Total 120 credits.
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