



STUDENT NAME _____ DATE _____

**Information Systems Management A.S. at Harford Community College 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 Harford Community College
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

GENERAL EDUCATION REQUIREMENTS (GER) (29-31 credits)		
UMUC General Education Requirements (GER) * FULFILLED * with completion of A.S. or A.A.	ECON 102 Microeconomics (3)	ECON 203
	ENG 101 English Composition (3)	WRTG 101
	MATH 101, MATH 109, or MATH 111 (3-4) <i>Recommended math GER</i>	
	MATH 216 Introduction to Statistics (4) <i>Recommended choice. Related requirement for major</i>	STAT 200
	ART 201, ART 202, or ART 203 (3) <i>Recommended Arts/Humanities elective to meet UMUC historic requirement. ART 201 and ART 202 meet Harford diversity requirement</i>	
	Arts/Humanities elective (3)	
	PSY 101 or SOC 101 <i>any GB except HIST (3) Recommended Behavioral/Social Science elective. If not completed in GH, Harford diversity requirement may be fulfilled here.</i>	PSYC 100 or SOCY 100
	Bio./Phys. Lab Science elective (4)	
	Bio./Phys. Science elective (3-4)	
INTERDISCIPLINARY AND EMERGING ISSUES GERs (5 credits)		
CIS 102 Introduction to Information Science (3)		
PE Fitness elective (1)		
PE elective (1)		
INFORMATION SYSTEMS MANAGEMENT COURSES (29 credits)		
ACCT 101 Accounting Principles I (3)		ACCT 220
ACCT 102 Accounting Principles II (3)		ACCT 221
BA 101 Introduction to Business (3)		BMGT 110
BA 109 Principles of Management (3)		BMGT 364
◆ CIS 205 Intro to Visual Basic.NET Programming (4) <i>Recommended choice. Foundation course for major</i>		◆ CMST 306
CIS 115 Fundamentals of Programming (3) <i>Second computing GER at UMUC and prerequisite for programming courses</i>		CMIS 102
CIS 203 Computer Systems and Procedures (3)		IFSM 202
CIS 207 (4)		
ECON 101 Macroeconomics (3)		ECON 201
Credits transferred: 63-65 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

SEQUENCE at UMUC		NOTES
EMERGING ISSUES (4 credits)		
LIBS 150 (1) <i>Required GER course</i>		
CMST 303 (3) or IFSM 201 <i>First computing GER but note minimum requirements for upper-level course work</i>		UL
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (36 credits)		
WRTG 291 or WRTG 293 (3) <i>Or other writing course.</i>		
◆ IFSM 300 (3) <i>Required for major</i>		UL
SPCH 100 or WRTG 390 (3) <i>Or other writing or speech GER course</i>		
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 410 (3) <i>Required for major</i>		UL
◆ IFSM 461 (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
◆ CSIA 302 (3) <i>Or other supplemental course for major</i>		UL
MINOR OR ELECTIVES (15 credits, at least 9 credits upper level for minor)		
See requirements of individual minor.		UL
Recommended: computing, business administration, psychology, marketing		UL
		UL
		UL
ADDITIONAL ELECTIVES (0-2 credits)		
Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework. Complete in last 60 credits along with major and minor courses. Recommended: Calculus I (MATH 140) for those continuing to graduate school.		
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.	
NOTES:		