2011 - 2012

STUDENT NAME DATE

## Information Systems A.A. at Montgomery 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 Montgomery 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	N REQUIREMENTS (GenEd) (34 credits)	I		
	EN 101 Techniques of Reading and Writing I (3)			
UMUC General	EN 102 or EN 109 (3) English foundation course	WRTG 101		
Education Requirements	MA 110 Survey of College Mathematics (3) Recommended course to fulfill Math foundation course and prerequisite for CS 103			
(GenEd)	SP 108 or SP 112 (3) Speech foundation course			
* FULFILLED *	Arts distribution (3)			
with completion of A.S. or A.A.	Humanities distribution (3)			
	AR 107, AR 108, or any HS (3) Recommended arts or humanities distribution course			
	EC 201 Principles of Economics I (3)	ECON 201		
	Behavioral and social sciences distribution (3) Must be from a second discipline			
	Natural sciences distribution with lab (4)			
	Natural sciences distribution without lab (3)			
INTERDISCIPLINARY	AND EMERGING ISSUES (1-3 credits)			
Health foundation cou	urse (1-3)			
PROGRAM REQUIREM	MENTS (26 credits)	-		
AC 201 Accounting I (4)		ACCT 220		
AC 202 Accounting II (4)		ACCT 221		
BA 210 or MA 116 (3) Related requirement for major		STAT 230		
CS 103, 213, or 226	(3)			
CS 110 Computer Concepts (3) First computing GenEd at UMUC and prerequisite to required major courses				
◆ CS 136 Systems Analysis and Design (3) Required core course for major				
CS 140 Introduction to Programming (3) Recommended course. Second computing GenEd course and prerequisite for programming courses at UMUC				
	EC 202 Principles of Economics II (3) Or CS elective			

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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.

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EMERGING ISSUES (1 credit)				
LIBS 150 (1) GenEd course				
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (30 credits)				
♦ IFSM 300 (3) Required foundation course for major				
♦ IFSM 301 (3) Required foundation course for major				
♦ IFSM 304 (3) Required foundation course for major				
WRTG 393 (3) Or other upper-level advanced writing GenEd course	UL			
◆ IFSM 310 (3) Required foundation course for major				
◆ CSIA 302 (3) Required core course for major				
◆ CMIS 320 (3) Required core course for major				
◆ IFSM 311 (3) Required core course for major	UL			
◆ IFSM 438 (3) Required core course for major	UL			
◆ IFSM 432 (3) Or other supplemental major course (any upper- level IFSM, CMIS, CMIT, CMSC, CMST, or CSIA)	UL			
CAPSTONE COURSE FOR MAJOR (3 credits) To be taken after all other courses for the major				
◆ IFSM 495 (3) Capstone course for major	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			
ADDITIONAL ELECTIVES (8-10 credits)				
Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework.	UL			
Recommended: ANTH 344, EDTP 500, MATH 140 (for those continuing to graduate school) and WRTG				
490				
TOTAL: 120 CREDITS				
CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements	s.			
<ul> <li>30 credits at UMUC, including at least half of the major and minor and 15 upper level credits.</li> <li>All General Education Requirements.</li> <li>Grade of C or better in all courses for the major and minor and 15</li> </ul>	nor.			
45 upper-level credits, including half the credit for the major and the minor. Overall GPA of at least 2.0.				
All required courses and minimum number of credits for major and minor.  Prerequisites for major and minor courses, if needed.  At least half the credit for the major earned through grace.  Total 120 credits.				
NOTES:				