

STUDENT NAME _____ DATE _____

**Information Systems A.A. at Montgomery College to
B.S. IN CYBERSECURITY 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 REQUIREMENTS (GenEd) (35 credits)		
UMUC General Education Requirements (GenEd) * FULFILLED * with completion of A.S. or A.A.	EN 101 Techniques of Reading and Writing I (3)	
	EN 102 or EN 109 (3) <i>English foundation course</i>	WRTG 101
	MA 110 Survey of College Mathematics (4) <i>Or other more advanced math. Mathematics foundation course</i>	MATH 140
	SP 108 or SP 112 (3) <i>Speech foundation course</i>	
	Arts distribution (3)	
	Humanities distribution (3)	
	AR 107, AR 108, or any HS (3) <i>Recommended arts or humanities distribution course</i>	
	EC 201 Principles of Economics I (3)	ECON 201
	CJ 110 Administration of Justice (3) <i>Recommended social and behavioral sciences distribution. Prerequisite to supplemental major course</i>	CCJS 100
	Natural sciences distribution with lab (4)	
Natural sciences distribution without lab (3)		
INTERDISCIPLINARY AND EMERGING ISSUES (1-3 credits)		
Health foundation course (1-3)		
PROGRAM REQUIREMENTS (26-27 credits)		
AC 201 Accounting I (4)		ACCT 220
AC 202 Accounting II (4)		ACCT 221
BA 210 or MA 116 (3)		STAT 230
CS 103, CS 213, or CS 226 (3-4) <i>Note MA 181 prerequisite for CS 103, CS 140 prerequisite for CS 103, CS 213, and CS 226</i>		
CS 110 Computer Concepts (3) <i>First computing GenEd at UMUC and prerequisite for major courses</i>		IFSM 201
CS 136 Systems Analysis and Design (3)		
CS 140 Introduction to Programming (3) <i>Prerequisite for CS 103, CS 213, and CS 226. Second computing GenEd for UMUC and prerequisite for major courses.</i>		CMIS 102
EC 202 Principles of Economics II (3)		ECON 203
Credits transferred: 62-65 credits		
Note: Up to 70 credits may be transferred from Montgomery College – meet with a UMUC adviser to discuss additional MC credits		

SEQUENCE at UMUC		NOTES
<i>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.</i>		
EMERGING ISSUES (1 credit)		
LIBS 150 (1) <i>GenEd course</i>		
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (33 credits)		
◆ CSIA 301 (3) <i>Required foundation course for major</i>		UL
◆ IFSM 304 (3) <i>Required foundation course for major</i>		UL
◆ CSIA 302 (3) <i>Or CMIT 265. Required foundation course for major</i>		UL
WRTG 393 (3) <i>Or other upper-level advanced writing GenEd course</i>		UL
◆ CSIA 303 (3) <i>Required core course for major</i>		UL
◆ CSIA 412 (3) <i>Required core course for major</i>		UL
◆ CSIA 413 (3) <i>Required core course for major</i>		UL
◆ CMIT 320 (3) <i>Required core course for major</i>		UL
◆ CMIT 424 (3) <i>Or other supplemental major course (CCJS 421, CMIT 321, CMIT 425, CSIA 454, CSIA 457, CSIA 459, IFSM 432, IFSM 433)</i>		UL
◆ CSIA 457 (3) <i>Or other supplemental course for major</i>		UL
◆ IFSM 433 (3) <i>Or other supplemental course for major</i>		UL
CAPSTONE COURSE FOR MAJOR (3 credits) <i>To be taken after all other courses for the major</i>		
◆ CSIA 485 (3) <i>Required capstone 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 (3-6 credits)		
Choose any courses to meet 120 credits for degree.		
Elective recommendations (please note prerequisites):		
Courses related to security and cybercrime: BMGT 466, CCJS 390, GVPT 409, HMLS 408, HMLS 414		
Courses related to psychological and sociological concerns: CCJS 461, PSYC 370, SOCY 313, SOCY 427		
Courses related to computing: CMIS 141 and CMIS 330		
Additional Courses: ANTH 344, WRTG 490, EDTP 500, EDTP 535		
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:		