

STUDENT NAME \_\_\_\_\_ DATE \_\_\_\_\_

**Information Services Technology: MCSE A.A.S. at CSM to  
B.S. IN COMPUTER INFORMATION TECHNOLOGY 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>First social and behavioral sciences GER</i>	
<b>INTERDISCIPLINARY AND EMERGING ISSUES (3 credits)</b>		
	ITS 1015 The Information Age: Emerging Technologies (3) <i>First computing GER course at UMUC</i>	IFSM 201
<b>INFORMATION SYSTEMS RELATED COURSES (42 credits)</b>		
◆ ITS 1020 Operating Systems Concepts (3) <i>Supplemental major course</i>		◆
ITS 1040 Systems Analysis and Design (3)		
ITS 1110 Program Design and Development (3) <i>Second computing GER course at UMUC</i>		CMIS 102
ITS 1120 Introduction to Database (3)		
ITS 2090 Computer Security (3)		CMIT 320
ITS 2120 Local Area Network Administration (3)		
ITS 2910 Cooperative Education I: Computer (3)		
ITS 2940 Cyber Ethics (3)		
ITS 2185 Microsoft Windows Vista (3)		
◆ ITS 2190 Microsoft Windows Server 2003 (3) <i>Supplemental major course</i>		◆ CMIT 368
◆ ITS 2200 Managing Microsoft Windows Server 2003 Network Infrastructure (3) <i>Supplemental major course</i>		◆ CMIT 376
ITS 2210 Planning and Maintaining Microsoft Windows Server 2003 Network (3)		
ITS 2220 Microsoft Windows Server 2003 Active Directory (3)		
◆ ITS 2240 Implementing and Administering Security in Microsoft Windows Server 2003 Network (3) <i>Supplemental major course</i>		◆ CMIT 320
<b>Credits transferred: 63 credits</b>		

**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 arts and humanities (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 ARTH or HIST (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 electivesLIBS 150 (1) *Required GER course***ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (24 credits)**

◆ CMIT 265 (3) <i>Required for major</i>	
◆ CMIS 310 (3) <i>Required for major</i>	UL
WRTG 393 or WRTG 393X (3) <i>Or other upper-level intensive writing GER course</i>	UL
◆ CMIT 364 (3) <i>Or other upper-level CMIT course for major core</i>	UL
◆ CMIT 377 (3) <i>Or other upper-level CMIT course for major core</i>	UL
◆ CMIT 350 or CMIT 374 (3) <i>Or other upper-level CMIT course for major core</i>	UL
◆ UL CMIT (3) <i>Upper-level CMIT course for major core</i>	UL
◆ UL CMIT (3) <i>Upper-level CMIT course for major core</i>	UL

**MINOR OR ELECTIVES (15 credits, at least 9 credits upper level for minor)**

See requirements of individual minor.	UL
	UL
	UL
	UL

**ADDITIONAL ELECTIVES (4 credits)**

Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework. Recommended: Calculus (MATH 140/141, 220 or 130/131) for those continuing to graduate school.	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"/> 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: