



STUDENT NAME _____ DATE _____

DEGREE PLANNING WORKSHEET

BS IN COMPUTER AND INFORMATION SCIENCE

This worksheet is designed to help you plan and track your progress toward your degree. It lists all of the graduation requirements in the recommended sequence. For full course descriptions, please refer to the current *Catalog*.

SEQUENCE	COURSE TAKEN OR TRANSFERRED	SEMESTER TAKEN
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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.

Recommendations will differ for specific majors. Refer to catalog for alternatives to recommended general education requirements (GERs). Courses used for GERs may not be used in major or minor.

FIRST COURSES (7 credits) Take within first 18 credits.
Take placement exams before registering for writing and math courses.

LIBS 150 (1) <i>Required GER course</i>		
WRTG 101 or WRTG 101X (3) <i>Required GER course</i>		
MATH 103, 107 or higher (3) <i>Required GER course</i>		

INTRODUCTORY COURSES (25 credits) Take within first 30 credits.

◆ CMIS 102/102A (3) <i>Or prior programming experience. First required course for major. Note: if prior programming experience, replace CMIS 102/102A with supplemental major course (take in last 60 credits)</i>		
◆ CMIS 141 or CMIS 141A (3) <i>Required for major (second course in sequence)</i>		
◆ IFSM 201 (3) <i>Second computer GER course</i>		
PHIL 140 or ENGL 240 (3) <i>Or other first arts/humanities GER course</i>		
BIOL 101 and BIOL 102 (4) <i>Or other biological/physical science GER course with related lab</i>		
◆ CMIS 160 or CMIS 170 (3) <i>Required for major</i>		
WRTG 291 (3) <i>Or other writing GER course</i>		
GVPT 170 (3) <i>Or other first behavioral/social science GER course</i>		

FOUNDATION COURSES (21 credits) Take within first 60 credits.

◆ CMIS 241 or CMIS 242 (3) <i>Required for major (third in sequence)</i>		
PSYC 100 or SOCY 100 (3) <i>Or other second behavioral/social science GER course (discipline must differ from first)</i>		
NSCI 100 or ASTR 100 (3) <i>Or other 3-credit biological/physical science GER course</i>		
HIST 142 or HIST 157 (3) <i>Or any other ARTH (except 100) or HIST for second arts/humanities GER course</i>		
ANTH 344 or foreign language course (3) <i>Or other elective</i>		
SPCH 100 or WRTG 390 (3) <i>Or other writing or speech GER course</i>		
◆ CMIS 310 (3) <i>Required for major</i>		

SEQUENCE <i>30 total credits for major, of which at least half must be upper-level and at least half taken through UMUC.</i>	COURSE TAKEN	SEMESTER TAKEN
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (21 credits) Take after introductory/foundation courses.		
WRTG 394 or WRTG 394X (3) <i>Or other upper-level intensive writing GER course</i>		
♦ CMIS 325 (3) <i>Or other supplemental major course (any upper-level CMIS)</i>		
♦ CMIS 330 (3) <i>Or other supplemental major course</i>		
♦ CMIS 320 or CMIS 370 (3) <i>Or other supplemental major course</i>		
Any CMIS (3) Supplemental major course		
♦ CMIS 415 or CMIS 460 (3) <i>Or other 400-level supplemental major course</i>		
♦ CMIS 420 or CMIS 435 (3) <i>Or other 400-level supplemental major course</i>		
MINOR OR ELECTIVES (15 credits, at least 9 credits upper-level for minor) Complete in last 60 credits along with major courses.		
See requirements of individual minor.		
Recommended minor: computer studies		
ADDITIONAL ELECTIVES (31 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.		
TOTAL: 120 CREDITS		

CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements.

- 30 credits at UMUC, including at least half of the major and minor and 15 upper-level credits.
- 45 upper-level credits, including half the credit for the major and for the minor.
- All required courses and minimum number of credits for major and minor.
- Prerequisites for major and minor courses, if needed.
- All General Education Requirements.
- Grade of C or better in all courses for the major and minor.
- Overall GPA of at least 2.0.
- At least half the credit for the major earned through graded coursework.
- Total 120 credits.