



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 undergraduate *Catalog*.

<b>SEQUENCE</b> <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>	<b>COURSE TAKEN OR TRANSFERRED</b>	<b>SEMESTER TAKEN OR CREDIT REMAINING</b>
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*Recommendations will differ for specific majors. Refer to catalog for alternatives to recommended general education requirements (GenEds).  
Courses used for GenEds may not be used in the major or minor.*

<b>FIRST COURSES (13 credits) Take within first 18 credits.</b> Take placement exams before registering for English and math courses.		
EDCP 100 (3) <i>Recommended elective</i>		
LIBS 150 (1) <i>GenEd course</i>		
WRTG 101 (3) <i>GenEd course</i>		
MATH 106 <i>or higher-level math course</i> (3) <i>GenEd course</i>		
CMIS 102 (3) <i>First computing GenEd course. Prerequisite for major courses</i>		
<b>INTRODUCTORY COURSES (19 credits) Take within first 30 credits.</b>		
IFSM 201 or CMST 303 (3) <i>Second computing GenEd course</i>		
PHIL 140 or ENGL 240 (3) <i>Or other first arts/humanities GenEd course (not ARTH or HIST)</i>		
◆ CMIS 170 or CMIS 111 (3) <i>Required introductory major course</i>		
BIOL 103 <i>or BIOL 101 /102 (both)</i> (4) <i>Or other biological/physical science GenEd course with related lab</i>		
◆ CMIS 115, CMIS 125, or CMIS 141 (3) <i>First course in programming language sequence for major. Prerequisite to second course in sequence.</i>		
GVPT 170 (3) <i>Or other first behavioral/social science GenEd course</i>		
<b>FOUNDATION COURSES (21 credits) Take within first 60 credits.</b>		
WRTG 291 (3) <i>Or other writing GenEd course except WRTG 486A/B</i>		
◆ CMIS 215, CMIS 225, or CMIS 242 (3) <i>Second course in programming language sequence for major. Choose based upon first programming language course selected</i>		
PSYC 100 or SOCY 100 (3) <i>Or other second behavioral/social science GenEd course (discipline must differ from first)</i>		
NSCI 100 or ASTR 100 (3) <i>Or other 3-credit biological/physical science GenEd course</i>		
HIST 142 or HIST 157 (3) <i>Or any ARTH or HIST for second arts/humanities GenEd course</i>		
SPCH 100 or WRTG 293 (3) <i>Or other communication, writing, or speech GenEd course</i>		
◆ CMIS 320 (3) <i>Required core course for major</i>		

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## BS IN COMPUTER AND INFORMATION SCIENCE

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 OR TRANSFERRED	SEMESTER TAKEN OR CREDIT REMAINING
<b>ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (18 credits)</b> Take after introductory/foundation courses.		
WRTG 393 (3) <i>Or other upper-level advanced writing GenEd course</i>		
◆ CMIS 330 (3) <i>Required core course for major</i>		
◆ CMIS 310 (3) <i>Or other supplemental major course (CMIS 102, 255, 315, or 325)</i>		
◆ CMIS 325 (3) <i>Or other supplemental major course</i>		
◆ CMIS 420 (3) <i>Or any other 400-level CMIS course except CMIS 486A/B</i>		
◆ CMIS 485 (3) <i>Or any other 400-level CMIS course except CMIS 486A/B</i>		
<b>CAPSTONE COURSE FOR MAJOR (3 credits)</b> To be taken after all other courses for the major		
◆ CMSC 495 (3) <i>Required capstone course for major</i>		
<b>MINOR OR ELECTIVES (15 credits, at least 9 credits upper level for minor)</b> Complete in last 60 credits along with major courses.		
See requirements of individual minor. Recommended minor: computing.		
<b>ADDITIONAL ELECTIVES (31 credits)</b> Complete in last 60 credits along with major and minor courses.		
Choose any courses to meet 120 credits for degree.		
<b>TOTAL: 120 CREDITS</b>		
<b>CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS</b> 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 for 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:		