Michigan Technological University
Registrar's Office
1885

Academic Year 2021-22
Bachelor of Science in Computer Science
Concentration: Computer Science
SCS2UG

Student Name and ID Number

Estimated Graduation Date

Major Requirements: 61 - 64 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
CS 1000	1	
CS 1121 **and** CS 1122 or CS 1131	6/5	
CS 1142	3	
CS 2311 **or** MA 3210	3	
CS 2321	3	
CS 3000	2	
CS 3141	3	
CS 3311	3	
CS 3331	3	
CS 3411	3	
CS 3421	3	
CS 3425	3	
CS 4121	3	
CS 4321	3	
HU 3120	3	
MA 1160 **or** MA 1161	4/5	
MA 2720 **or** MA 3710	4/3	

Technology and Society: 3 Credits		
Select one of the following: HU3701, HU3710, HU3810, MA4945, SS3510, SS3511, SS3520, SS3530, SS3580, SS3581, SS3630, SS3640, SS3800, SS3801		
	3	

STEM Lab Science: 7 Credits		
Courses taken to meet STEM Lab/Science must be from the approved STEM Science course list. Two different disciplines (BL, CH, KIP, FW, GE, PH, SS) are required and at least one course must be taken with the accompanying laboratory.		
Credit Subtotal		

Concentration Requirements: 25 - 26 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
CS 4zzz	3	
CS 4yyy*	3	
MA 2160	4	
MA 2330	3	
MA 3xxx	3/4	
Technical Electives: 9 credits (See note below)		
Credit Subtotal		

*CS4yyy may be satisfied by CS4099

Note: The Technical electives plus the two 4000-level CS electives total 15 credits.

***M**-Passed with valid grade, transfer, or Advance Placement credit; **R**egistered in course; **P**lan to take in future, **WVD**-Waived course or credit (does not reduce total degree credits required), **SUB**-Petitioned as substitute course.

General Education Requirements: 24 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***

Courses used to complete General Education may not be used to complete other degree requirements.

Core: 12 Credits		
UN 1015	3	
UN 1025 or upper level modern language	3	
Critical and Creative Thinking	3	
Social Responsibility and Ethical Reasoning	3	
HASS: 12 Credits		
✓ Students must complete 12 credits of HASS course work		
✓ Six of the 12 credits must be at the 3000- or 4000- level*		
✓ At least three credits each in the following: Communication/Comp, Humanities and Fine Arts, and Social & Behavioral Sciences.		
✓ No more than three credits may come from the Restricted List		
Communication/ Composition	minimum 3	
Humanities and Fine Arts	minimum 3	
Social and Behavioral Sciences	minimum 3	
Course from any list above or Restricted List	0-3	

Free Electives: 9 - 13 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
Credit Subtotal		

Advisor Use Only	
Total Credits Required	**123**
Total Credits Completed	
Total Credits Needed	

Co-Curricular Activities: 3 Credits		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		