Michigan Technological University
Registrar's Office

Academic Year 2020-21
Bachelor of Science in Computer Science
Concentration: Applications
SCS1UG

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** MA3210	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 - 28 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Applications Area: 16 - 19 Credits		
Applications courses must be approved by the undergraduate curriculum committee. Depending on application area, up to 7 additional Math credits may be required.		
MA 2330	3	
CS4yyy*	3	
Technical Electives: 6 Credits (See Note)		
Credit Subtotal		

*CS4yyy may be satisfied by CS4099

Note: The technical electives plus the one 4000- level CS electives total 9 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	

*an upper division language course in place of UN1025 does not meet this requirement.

Free Electives: 7 - 13 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
Credit Subtotal		

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

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

Student Signature Date

Departmental Approval Date