Michigan Technological University
Registrar's Office

Academic Year 2018-19
Bachelor of Science in Software Engineering
SSENUG

Student Name and ID Number

Estimated Graduation Date

Major Requirements: 92 - 96 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 3712	3	
CS 4321	3	
CS 4710	3	
CS 4711	3	
CS 4760	3	
CS 4791 **and**	3	
CS 4792	3	
OR ENT 3950 **and**	1	
ENT 3960 **and**	1	
ENT 4950 **and**	2	
ENT 4960	2	
HU 3120	3	
MA 1160 or MA1161	4/5	
MA 2160	4	
MA 2330	3	
MA 2720/3710	4/3	
Credit Subtotal		

***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.

Major Requirements, continued		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
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 include or be taken with the accompnaying lab.		
Lab Science Elective or MA3xxxx: 3 or 4 credits		
Take a 3000-level or higher math course, or courses taken to meet STEM Lab/Science must be from the approved STEM Science course list, or one of the following: BL1020, CH1122, CH1160, PH1210.		
Technical Electives: 9 Credits		
Note: Science and Math should total 26 credits overall		
Credit Subtotal		

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: 5 - 9 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	125
Total Credits Completed	
Total Credits Needed	

Student Signature Date

Departmental Approval Date