Michigan Technological University
Registrar's Office
1885

Academic Year 2020-21
Bachelor of Science in Cybersecurity
Concentration: Software Security
CCY1UG

Student Name and ID Number | Estimated Graduation Date

Core Requirements: 35 - 36 Credits		
Course Number	**Credits**	**Course Status Code** **M, R, P, WVD, SUB***
CS 1121 **and** CS 1122 **or** CS 1131	5/6	
CS 2311	3	
CS 4000	3	
CS 4530 or SAT 4530	3	
CS 4723 or EE 4723	3	
SAT 1700	3	
SAT 2711	4	
SAT 3812	3	
SAT 4510	3	
SAT 4816	3	
MA 2320	2	

Concentration Requiremens: 36 Credits		
Course Number	**Credits**	**Course Status Code** **M, R, P, WVD, SUB***
CS 1142	3	
CS 2321	3	
CS 3141	3	
CS 3331	3	
CS 3421	3	
CS 3425	3	
CS 3411	3	
CS 3712	3	
CS 4321	3	
CS 4461	3	
CS 4471	3	
CS 4740	3	

Math Requirements: 8 - 9 Credits		
MA 1160 or MA 1161	4/5	
MA 2720	4	

Lab Science Requirements: 7 Credits		
Students must complete two science courses in two different disciplines, from the Science Course List; at least one of these must include or be taken with the accompanying laboratory.		

Technial Elective Courses: 3 Credits		
HU3120, SS3640, MIS4200, OSM4300, ENT3950 **and** ENT3960, CS3000 - CS5999, EE3000 - EE5999, SAT3000 - SAT5999		
Credits Subtotal		

Culminating Experience: 4 Credits		
Choose one from any of the following three options. All activities need preapproval from the department advisor and include a significant cybersecurity experience.		
Senior Design I & II		
CS/SAT 4793	2	
CS/SAT 4794	2	
Undergraduate Cooperative Education I & II		
UN 3002	2	
UN 3003	2	
Enterprise Project Work		
ENT 4950	2	
ENT 4960	2	
Credits 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.

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: 2 - 4 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
Credits 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	121
Total Credits Completed	
Total Credits Needed	

Student Signature   Date

Departmental Approval   Date