

Academic Year 2017-18 Bachelor of Science in Computer Science Concentration: Secondary Education SCS4UG

Estimated Graduation Date

Concentration Requirements: 37 Credits			
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*	
Education Requirements: 29 Credits			
ED 3100	2		
ED 3110	2		
ED 3210	2		
ED 3410	1		
ED/HU 4150	4		
ED 4700	3		
ED 4750/CS4750	3		
ED 4910	12		
CS 4YYY*	3		

Technical Electives: 5 Credits (See Note)		
Credit Subtotal		

For Michigan Teaching Certification, students must also complete a secondary teacher certification minor through the Dept of Cognitive and Learning Sciences. In addition, students must become certified by the Red Cross or American Heart Association in child and adult First Aid and CPR.

*CS4yyy may be satisfied by CS4099 Note: The technical electives plus CSyyy total 8 credits

Student Name	and ID	Number
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Major Requirements: 62 - 65 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
CS 1000	1	
CS 1121 and CS 1122	6/5	
or CS 1131	0/5	
CS 1142	3	
CS 2311	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	y: 3 Credits
Select one of the following: H	U3701, HU3	3710, MA4945, SS3510,
SS3511, SS3520, SS3530, SS35	81, SS3630	, SS3640, SS3800, SS3801,
SS3820		
	3	
STEM Lab	Science: 8	Credits
Courses taken to meet STEM I	_ab/Science	e must be from the
approved STEM Science cours	e list. Two o	different disciplines
(BL, CH, EH, FW, GE, PH, SS) a	re required	and at least one
course must be taken with the	e accompan	ying laboratory.
Credit Subtotal		

*M-Passed with valid grade, transfer, or Advance Placement credit; Registered in course; Plan 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	

✓ Each course can satisfy only one requirement

 \checkmark No more than three credits may come from the Restricted List

 \checkmark Six credits of HASS must be at the 3000- or 4000- level (an upper level language course in place of UN1025 does not meet this requirement).

Humanities, Fine Arts/Social & Behavioral Sciences (HASS): 12 credits		
Communication/ Composition	3	
Humanities and Fine Arts	3	
Social and Behavioral Sciences	3	
Course from any list above or Restricted List	3	

Co-Curricular Activities

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.

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Free Electives: 0 credits

Credits Course M, R,

Course Status Code M, R, P, WVD, SUB*

Free elective credits are usually fulfilled by the required secondary teacher certification minor credits for students pursuing the Regular Social Studies Teaching Major with STEM minor. The amount will vary depending on the minor selected and the minor credits being used in other areas of this degree.

Selected Minor:

Those pursuing the Regular Social Studies Teaching Major with STEM minor must complete a Teaching Certification Minor Audit form available through the Department of Cognitive and Learning Sciences.

Credit Subtotal	

Advisor Use Only

Total credits for this degree will vary based on the state teaching certification minor. Minimum credits required is 125.

Total Credits Required	125
Total Credits Completed	
Total Credits Needed	