Academic Year 2017-18
Bachelor of Science in Mathematics
Concentration: Secondary Education
SMA7UG

Student Name and ID Number Estimated Graduation Date

Core Requirements: 40 Credits			
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*	
MA 1160	4		
MA 2160	4		
MA 2330	3		
MA 2710	3		
MA 3160	4		
MA 3210	3		
MA 3310	3		
MA 3450	3		
MA 3560	3		
MA 1600 or			
MA 2600 or	3		
CS 1121 or	3		
CS 1131			
One course in a Lab/Science	One course in a Lab/Science from the STEM Science course list		
	4		
One additional science course, from the STEM science course list, in a different discipline from the course taken above.			
	3		
Credit Subtotal			

Concentration Requirements: 47 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
MA 1910	3	
MA 3924	3	
MA 4905	2	
MA 4908	3	
MA 4945	3	
4000-Level Math Electives	s: 6 credits	
	3	
	3	
Education Requirements		
ED 3100	2	
ED 3110	3	
ED 3210	2	
ED 3410	1	
ED/HU 4150	4	
ED 4700	3	
ED 4910	12	
Credit Subtot	al	

Note: 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.

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

Courese used to compelte 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 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: Variable credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Free elective credits are usi	ually fulfilled	by the required Secondary
Teaching Certification Mind	or* credits. T	he amount will vary
depending on the minor se	lected and t	he minor credits being used in
other areas of this degree a	udit.	

^{*}Complete a Teaching Certification Minor Audit with the Department of Cognitive and Learning Sciences.

Credit Subtotal

Advisor Use Only		
Total Credits Required	124	
Total Credits Completed		
Total Credits Needed		

Total credits for this degree will vary based on the state teaching certification minor selected. Minimum credits required is 124.