Academic Year 2018-19
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 CS 1121 or CS 1131	3		
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			

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:	6 credits	
	3	
	3	
Education Requirements		
ED 3210	2	
ED 3410	1	
ED 4110	3	
ED/HU 4150	4	
ED 4300	2	
ED 4700	3	
ED 4910	12	
Credit Subtotal		

Concentration Requirements: 47 Credits

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.

^{*}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
Course Number	Ciedits	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 HA	SS 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.

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

Free Electives: Variable Credits			
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*	
Free elective credits are usu	ally fulfilled	by the required Secondary	
Teaching Certification Mino	r* credits. T	he amount will vary	
depending on the minor sel	depending on the minor selected and the minor credits being used in		
other areas of this degree a	udit.		
Credit Subtotal		all of the December of	

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

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.