Michigan Technological University
Registrar's Office
1885

Academic Year 2017-18
Bachelor of Science in Mathematics
Concentration: Discrete Mathematics
SMA5UG

Student Name and ID Number

Estimated Graduation Date

Core Requirements: 43 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 3530/3560	3	
MA 4945 **or**	3	
Approved upper division global literacy course		
MA 1600 **or**	3	
MA 2600 **or**		
CS 1121 **or**		
CS 1131		
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: 18 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
MA 4208	3	
MA 4209	3	
MA 4310	3	
MA 4330	3	
Choose 2 of the following:		
MA3202, MA3203, MA4908		
	3	
	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.

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
✓ No more than three credits may come from the Restricted List
✓ 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: 39 credits		
Course Number	**Credits**	**Course Status Code** **M, R, P, WVD, SUB***
Credit Subtotal		

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

Student Signature   Date

Departmental Approval   Date