MichiganTech

Bachelor of Science Degree Audit

201508 Requirements

Major Program: Mathematics

Concentration: Applied/Computational

Program Code: SMA8UG

Name: _____

ID#: _____

Expected Graduation Term: _____

Major Requirements

Course Number	Credits (40-43)	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	
Choose 2 of the following courses (3-6 credits)		
MA 1600	3	
MA 2600	3	
(CS 1121 or	3	
CS 1131)	5	
PH 2020	1	
PH 4390	2	
One course in a Lab Science from the STEM science course list (4 credits)		
	4	
One additional science course, from the STEM science course list, in a different discipline from course taken above. (minimum 3 credits)		
	3	
Credits Subtotal		

Concentration Requirements

Course Number	Credits (18)	Course Status Code M, R, P, WVD, SUB*
MA 4410	3	
MA 4515	3	
MA 4900	3	
MA 4610	3	
MA 4620	3	
Choose 1 of the following: MA4525, MA4535		
	3	
Credits Subtotal		

* **M**-Passed with valid grade, transfer, or Adv. 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

Requirement	Credits (24)	
Courses used to complete General Education may not be used to complete other degree requirements.		
Core		
UN 1015	3	
UN 1025 or upper level modern language course*	3	
Goal 4: Critical and Creative Thinking	3	
Goal 8: Social Resp. & Ethical Reasoning	3	
Humanities & Fine Arts/Social & Behavioral Sciences		
Communication/ Composition	3	
Humanities and Fine Arts	3	
Social and Behavioral Sciences	3	
Course from any list above or Restricted List	3	
■ Six (6) credits must be at the 3000- or 4000-level ■ No more than three (3) credits from the Restricted List ■ Each course can satisfy only one requirement		
Credits Subtotal		
*A 3000-level or higher modern language course may be used in place of UN1025, Global Issues. The language course *does not* count toward the 6 credit upper level requirement.		

Co-Curricular Activities		
	.5	
	.5	
	.5	
	.5	
	.5	
	.5	
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		

Free Electives

Course Number	Credits (39-42)	Course Status Code M, R, P, WVD, SUB*
Credits Subtotal		

For Advisor Use Only	
Total Credits Required:	**124**
Total Credits Completed:	
Total Credits Needed:	

Student Signature Date

Departmental Approval Date