Michigan Technological University
Registrar's Office

Academic Year 2019-20
Bachelor of Science in Mathematics
Concentration: Business Analytics
SMA0UG

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	
CS 1121 **or**	3	
CS 1131		
MA 4945 **or**	3	
Approved upper division global literacy course		
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: 45 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
MA 3720	3	
MA 3740	3	
MA 4710	3	
MA 4720	3	
MA 4780	3	
MA 4790	3	
CS 4821	3	
EC 2001	3	
MKT 3000	3	
OSM 3000	3	
MIS 2000	3	
MIS 2100	3	
MIS 3100	3	
Choose two elective courses from the list below		
MIS 3400	3	
MKT 3600	3	
OSM 3150	3	
OSM 3600	3	
OSM 4650	3	
OSM 4700	3	
CEE 4760	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*

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 HASS 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.

Free Electives: 12 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

Co-Curricular Activities: 3 Credits

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

Advisor Use Only

Total Credits Required	124
Total Credits Completed	
Total Credits Needed	

Student Signature Date

Departmental Approval Date