

## Michigan Technological University

### Bachelor of Science Degree Audit

#### Major Program: Mathematics, Concentration: Business Analytics

Program Code: SMA0, Academic Year 2019-20

Total credits required for the degree: 124

#### Core Requirements: 33 credits

Course	Credits
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 CS 1131	3
MA 4945 or approved upper division global literacy course	3

#### Lab/Science: 7 credits

One course in a Lab/Science from the STEM Science course list

Course	Credits
	4

One additional science course, from the STEM science course list in a different discipline from the course taken above

Course	Credits
	3

#### Free Electives: 12 credits

Any coursework is allowable, excluding co-curricular and coursework below the 1000-level.

Course	Credits

#### Co-curricular Activities: 3 credits

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

Course	Credits

#### Concentration Requirements: 45 credits

Course	Credits
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

MIS3400, MKT3600, OSM3150, OSM3600, OSM3600, OSM4650, OSM4700, CEE4760

Course	Credits
	3
	3

#### General Education Requirements: 24 credits

Courses used to complete General Education may not be used to complete other degree requirements.

#### Core: 12 credits

Course	Credits
UN 1015	3
UN 1025 or an upper level modern language	3
Critical and Creative Thinking	3
Social Responsibility and Ethical Reasoning	3

#### HASS: 12 credits

Six of the 12 HASS credits must be at the 3000 or 4000 level (an upper division language course in place of UN1025 does not meet this requirement). No more than three credits may come from the HASS Restricted course list.

Course	Credits
Communication/ Composition	Minimum 3
Humanities and Fine Arts	Minimum 3
Social and Behavioral Sciences	Minimum 3
Course from any list above or from the Restricted HASS course list	0 to 3