

Michigan Technological University

Bachelor of Science Degree Audit

Major Program: Mathematics, Concentration: Business Analytics

Program Code: SMA0, Academic Year 2020-21

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

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

Course	Credits
MIS 3400	3
MKT 3600	3
OSM 3150	3
OSM 3600	3
OSM 4650	3
OSM 4700	3
CEE 4760	3

Lab/Science: 7 credits

One course in a Lab/Science from the [STEM Science course list](#)

Course	Credits
	3
	1

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

General Education Core and HASS

Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework. Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the [General Education](#) page.

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

Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half credit (0.5) courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.

Course	Credits