

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Business Analytics

Program Code: SBA, Academic Year 2022-2023

Total credits required for the degree: 120

#### Core Required Courses: 43-46 credits

- MA 1160 (4) or MA 1161 (5)
- MA 2160 (4)
- MA 2320 (2) or MA 2321 (2) or MA 2330 (3)
- MA 2710 (3) or MA 2720 (4) or MA 3710 (3)
- MA 3720 (3)
- MA 4710 (3)
- MA 4790 (3)
- BUS 2300 (3)
- BUS 3000 (3)
- EC 2001 (3)
- EC 4200 (3)
- MIS 2100 (3)
- MIS 3100 (3)
- MIS 4100 (3)

#### Focused Electives

##### Math and Business: 31-34 credits

###### Math Focus: 6 credits

- MA 2600 (3)
- MA 3160 (4)
- MA 3520 (2) or MA 3521 (2) or MA 3530 (3) or MA 3560 (3)
- MA 3750 (1)
- MA 4330 (3)
- MA 4720 (3)
- MA 4730 (3)
- MA 4760 (3)
- MA 4770 (3)
- MA 4780 (3)
- MA 3810 (3)
- MA 4810 (3)
- MA 4820 (3)

#### Language of Business Focus: 9 credits

- ACC 2000 (3)
- FIN 3000 (3) or EC 3400 (3)
- MKT 3000 (3)
- OSM 3000 (3)

#### Business Focus: Complete 6 credits not already taken

- ACC 2000 (3)
- ACC 4000 (3)
- EC 3002 (3)
- EC 3003 (3)
- EC 4050 (3)
- EC 4100 (3)
- FIN 3000 (3) or EC 3400 (3)
- FIN 4000 (3)
- FIN 4200 (3)
- MIS 3200 (3)
- MIS 4000 (3)
- MIS 4400 (3)
- MGT 3000 (3)
- MGT 4700 (3)
- MKT 3000 (3)
- MKT 3200 (3)
- MKT 3600 (3)
- OSM 3000 (3)
- OSM 3600 (3)
- OSM 4650 (3)
- OSM 4700 (3)

Additional Focus Electives: 10 – 13 credits  
Complete 10 – 13 credits from the Focused Elective lists

#### Technical Elective Courses: 3 credits

- CS 4821 (3)
- MA 3740 (3)

### **Lab Science Requirements: 7 credits minimum**

Students must complete two science courses in two different disciplines from the general education science course list; at least one of these must include or be taken with the accompanying laboratory. Find eligible courses on the [General Education](#) webpage.

### **Free Electives: 6 to 12 credits**

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

### **General Education Core, Humanities, Fine Arts, and Social Science (HASS) Requirements: 24 credits**

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**

- 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**

At least 6 of the 12 credits must be at the 3000-level or 4000-level

- Communication/Composition (minimum 3 credits)
- Humanities and Fine Arts (minimum 3 credits)
- Social and Behavioral Sciences (minimum 3 credits)
- Any course from the General Education Core, HASS, or Restricted HASS [course list](#) (0 to 3 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. Only courses on the co-curricular course list are eligible. Half (0.5) credit courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.