

Michigan Technological University Bachelor of Science Degree Audit

Major Program: Engineering Management

Program Code: BEM, Academic Year 2025-2026

Minimum credits required for the degree: 128

Business Core Requirements: 42 credits

- ACC 2000 (3)
- ACC 2100 (3)
- BUS 2200 (3)
- BUS 2300 (3)
- BUS 3000 (3)
- EC 2001 (3)
- EC 3100 (3)
- FIN 3000 (3)
- MGT 2000 (3)
- MGT 3000 (3)
- MGT 4000 (3)
- MIS 2000 (3)
- MKT 3000 (3)
- OSM 3000 (3)

Math Requirements: 11 to 13 credits

- MA 1160 (4) or MA 1161 (5)
- MA 2160 (4)
- MA 2720 (4) or MA 3710 (3)

Lab Science Requirements: 8 credits

- CH 1150 (3)
- CH 1151 (1)
- PH 1100 (1)
- PH 2100 (3)

Engineering Requirements: 23 to 25 credits

- CEE 3503 (3)
- EE 3010 (3)
- ENG 1101 (3)
 - or ENG 1101T (3) and UN 2013 (1)
- ENG 1102 (3)
- CEE 3200 (4)
- ENG 2120 (4) or
 - MET 2110 (3) and MET 2150 (3)
- MSE 2100 (3)

Engineering Management Requirements: 9 credits

- MGT 4600 (3)
- OSM 4300 (3)
- OSM 4650 (3)

CAPSTONE: Choose one option for 6 credits

Option 1: Enterprise

- ENT 4900 (2)
- ENT 4910 (2)

And select two courses below:

- ENT 1960 (1)
- ENT 2950 (1)
- ENT 2960 (1)
- ENT 3950 (1)
- ENT 3960 (1)
- ENT 4961 (1)

Option 2: Business Cluster (select a two-course cluster; must have same prefix/subject)

- ACC 3500 (3) and ACC 4500 (3)
- EC 3300 (3) and EC 4200 (3)
- FIN 4100 (3) and FIN 4500 (3)
- MGT 3800 (3) and MGT 4650 (3)
- MIS 3100 (3) and MIS 3200 (3)
- MKT 4100 (3) and MKT 4200 (3)
- OSM 3150 (3) and OSM 3600 (3)
- OSM 3150 (3) and OSM 4700 (3)

Option 3: Business Internship and Advanced Project Management

- BUS 3900 (3)
- OSM 4350 (3)

Essential Education requirements

- Students must complete three main components of Essential Education (First-Year Experience, Distribution or Minor Pathway, and Activities for Well-being and Success) with the credit distributions as shown below. A minimum of 37 credits is required to complete these requirements.
- Up to five Essential Education requirements and the Michigan Tech Seminar may be shared (double-counted) with major requirements. Work with your advisor to determine which major requirements may satisfy Essential Education requirements.
- Some courses are on more than one list, but each course can satisfy only one Essential Education requirement.
- Students may choose between an Essential Education minor or the Distribution Pathway. The list of Essential Education minors can be found [here](#).
- Lists of courses for each requirement can be found on the [Essential Education](#) page.

First-Year Experience (16 credits)

- Michigan Tech Seminar (1)
- Math (3)
- Natural and Physical Science (3)
- STEM (3)
- Composition (3)
- Foundations of the Human World (3)

Distribution Pathway (18 credits)

- Communication Intensive (3)
- Intercultural Competency (3)
- Arts and Culture (3)
- STEM (3)
- SHAPE (3)
- Essential Education Experience (3)

Activities for Well-being and Success (3 credits)

Free Electives

- Any coursework is allowable, excluding coursework below the 1000-level.
- The number of free elective credits required is dependent on how many additional credits are required beyond Major requirements and Essential Education requirements to reach the total credits required for the degree as indicated on the audit.

Additional Graduation Requirements

- Satisfy the 2.0 departmental and cumulative Grade Point Average
- Earn 30 upper-level credits at Michigan Tech
- [Apply for Graduation](#)