

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Environmental Engineering

Program Code: EEN, Academic Year 2025-2026

Minimum credits required for the degree: 128

#### Core Requirements: 55 credits

- EC 3400 (3)
- ENG 1101 (3)
  - or ENG 1101T (3) and  
(UN 1013 or UN 2013 (1))
- ENG 1102 (3)
- ENG 2120 (4)
- CEE 1501 (1)
- CEE 3200 (4)
- CEE 3331 (2)
- CEE 3501 (3)
- CEE 3502 (3)
- CEE 3620 (4)
- CEE 3810 (4) or FW 3330 (4)
- CEE 4501 (4)
- CEE 4502 (3)
- CEE 4503 (3)
- CEE 4504 (3)
- CEE 4505 (3)
- CEE 4506 (3)
- CEE 4509 (2)

#### Math and Science: 37-38 credits

- BL 1400 (3)
- BL 3310 (3)
- CH 1150 (3)
- CH 1151 (1)
- CH 1160 (3)
- CH 1161 (1)
- GE 2000 (3)
- MA 1160 (4) or MA 1161 (5)
- MA 2160 (4)
- MA 2320 (2) or MA 2321 (2)
- MA 3160 (4)
- MA 3520 (2) or MA 3521 (2)
- PH 1100 (1)
- PH 2100 (3)

#### Senior Design: 6 credits, choose one option

##### Option 1:

- CEE 4900 (3)
- CEE 4910 (3)

##### Option 2:

- CEE 4905 (3)
- Professional Elective (3)

##### Option 3:

- CEE 4915 (3)
- CEE 4916 (3)

##### Option 4:

- ENT 3950 (1)
- ENT 3960 (1)
- ENT 4950 (2)
- ENT 4960 (2)

#### Professional Electives: 3 credits

See your academic advisor for a list of eligible courses

#### Selected Technical Elective: 3 credits

Complete from the following list of courses:

CEE4507, CEE4511, CEE4518, CEE4521, CEE4528,  
CEE4620, CEE4640, CEE4665, CEE4993, CH4515,  
GE3850, ME4240

## 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](#)