

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Sustainability Science and Society

Program Code: SSSU, Academic Year 2026-2027

Minimum credits required for the degree: 120

#### Area A) Core Requirements: 18 credits

- SS 1001 (1)
- SS 2001 (3)
- SS 2300 (3)
- SS 4120 (3)
- EC 2001 (3)
- FW 2030 (2)
- SS 4313 (3)

#### Area B) Methods & Statistics: 8 to 10 credits

Choose 3 courses:

- FW 3540 (4)
- SS 2050 (3)
- SS 2720 (3)
- SS 3240 (3)
- SS 3625 (3)
- SS 3961 (3)
- SS 4009 (3)
- SS 4010 (3)
- SS 4050 (3)
- SS 4211 (3)
- SS 4630 (1)
- SS 4700 (3)

#### Area C) Environmental Sciences: 7 to 12 credits

Choose three (3) courses for 7 to 12 credits with at least one course from each list.

##### List A: Ecology

BL3490, BL4090, BL4440, BL4447, BL4450, BL4461, BL4465, FW2010, FW2060, FW/SS 2801, FW3020, FW3410, FW3610, FW4128, FW4180, FW4220, FW4240, FW4260, FW4380, FW4400

##### List B: Earth and Physical Science

FW3180, FW3320, FW3330, FW4370, FW4710, GE2000, GE2100, GE2640, GE3850

#### Area D) Environmental Economics: 3 credits

Choose 1 course:

- EC 4620 (3)
- EC 4630 (3)
- EC 4640 (3)
- FW 2081 (3)

#### Area E) Environment & Sustainability: 27 credits

Complete 9 courses total

- Choose one course from five of the six lists
- Choose two courses from within one list
- Choose remaining two courses from any list

##### List 1: Policy

FW3110, SS2620, SS2625, SS2635, SS3612, SS3621, SS3626, SS3630, SS3800, SS4101

##### List 2: Engineering Sustainability

CEE4506, CEE3501 or CEE3503, CMG4800, MEEM4685, ENG4515, ENG4525

##### List 3: Sustainability & Communities

SS2210, SS2450, SS3110, SS3235, SS3315, SS4390, SS4450, SS4530

##### List 4: Environment & Society

HU3508, SS3520, SS3755, SS3801, SS3815, SS4001, SS4200, SS4540

##### List 5: Environmental Health & Justice

BL4070, BL4120, FW3075, HU4625, SS3105, SS3750, SS3805, SS3811

##### List 6: Decision Making & Persuasion

PSY2800, PSY3200, PSY3720, PSY4750, SS3805, SS3811, EC3400, MGT2000, SS4001, SS4040, SS4041, HU4041

#### Area F) Culminating Experience: Capstone, Internship, Thesis, or Research Experience focused on sustainability issues: 4 to 5 credits

In consultation with an advisor who can assure the project focuses on sustainability.

- SS 4910 (1)
- Take 3 to 4 credits from the list: SS3090, SS3913, SS3918, SS3960, SS3962, SS4000, SS4501, SS4920, SS4921

Or, students may participate in the Enterprise Program to serve as their culminating experience for the major, with approval from the Enterprise faculty and their academic advisor.

- SS 4910 (1)
- Take 3 to 4 credits from ENT3950, ENT3960, ENT4900, ENT4910, ENT4950, ENT4960

## 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](#)