Michigan Technological University Bachelor of Science Degree
Audit Major Program: Sustainability Science and Society
Program Code: SSSU, Academic Year 2022-2023
Total credits required for the degree: 120

Area A) Core Requirements: 12 credits
- SS 1001 (1)
- SS 2300 (3)
- SS 3313 (3) or FW 3313 (3)
- EC 2001 (3)
- FW 2030 (2)

Area B) Methods & Statistics: 8 to 10 credits
Choose 3 courses:
- FW 3540 (4)
- SS 2001 (3)
- SS 2050 (3)
- SS 3240 (3)
- SS 3961 (3)
- SS 4009 (3)
- SS 4010 (3)
- SS 4050 (3)
- SS 4211 (3)
- SS 4630 (2)
- 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, FW3020, FW3410, FW3610, FW3640, FW4128, FW4220, FW4240, FW4260, FW4380, FW4400

List B: Earth and Physical Science
FW3180, FW3330, FW4370, FW4710, GE2000, GE2100, GE2500, GE2640, FE3320, GE3850

Area D) Environmental Economics: 3 credits
Choose 1 course:
- EC 4620 (3)
- EC 4630 (3)
- EC 4640 (3)
- FW 2081 (3)
- FW 4080 (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, SS3600, SS3612, SS3630, SS3800, SS4325, UN4400

List 2: Engineering Sustainability
CEE4506, CEE3501 or CEE3503, CMG4800, ENG4510, MEEM4685

List 3: Sustainability & Communities
SS2450, SS3110, SS3300, SS3315, SS4120, FW4380, SS4390, SS4530

List 4: Environment & Society
HU3508, SS3520, SS3280, SS3755, SS3760, SS3801, SS3815, SS4001, SS4120, SS4200, SS4400, SS4540

List 5: Environmental Health & Justice
BL4070, BL4120, FW3075, HU4625, SS3105, SS3750, SS3805, SS3811

List 6: Decision Making & Persuasion
PSY2800, PSY3200, PSY3720, PSY4010, PSY4750, SS3805, SS3811, EC3400, MGT2000, SS4001

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 one course from the list: SS3090, SS3960, 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

Free Electives: 16 to 24 credits
Any course is allowable with the exception of co-curricular courses and courses below the 1000- level.

General Education Science, Technology, Engineering and Math (STEM): 15 credits required
The STEM course list can be found on the General Education page.

Mathematics: 4 credits minimum

Lab/Science: 7 credits minimum
- Lab/Science course, and a science course in two different disciplines from the STEM science course list

Additional STEM: 4 credits, credits vary based on the number of credits taken in math and science
- Any course from the STEM courses lists

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 six of the 12 credits must be at the 3000- or 4000- level, not including upper level modern language In place of UN1025
- 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.