Michigan Technological University
Bachelor of Science Degree Audit
Major Program: Sustainability Science and Society
Program Code SSSU, Academic Year 2021-22
Total credits required for the degree: 120

Area A) Core Requirements: 12 credits

Course	Credits
EC 2001	3
FW 2030	2
SS 1001	1
SS 2300	3
SS 3313/FW 3313	3

Area B) Methods & Statistics: 8 to 10 credits
Choose 3 courses: FW3540, SS2001, SS2050, SS4009, SS4010, SS4050, SS4211, SS4630, SS4700

Course	Credits

Area C) Environmental Sciences: 7 to 12 credits
Choose 3 courses. At least one course must come from each list.
List 1: Ecology

BL3490, BL4090, BL4440, BL4447, BL4450, BL4461, BL4465, FW2010 FW2060, FW3020, FW3410, FW3610, FW3640, FW4128, FW4220, FW4240, FW4260, FW4380, FW4400
List 2: Earth and Physical Science
FW3180, FW3330, FW4370, FW4710, GE2000, GE2100, GE2500, GE2640, GE3320, GE3850

Course	Credits

Area D) Environmental Economics: 3 credits
Choose 1 course: EC4620, EC4630, EC4640, EC4650

Course	Credits
	3

Area E) Environment & Sustainability: 27 credits
Choose 9 courses. Choose one course from 5 of the 6 lists, and choose two additional courses from within one list. The remaining two courses may come from any list.
List 1: Policy

FW3110, SS2635, SS3600, SS3612, SS3621, SS3630, SS3800, SS4325, SS5635, UN4400
List 2: Engineering Sustainability
CEE4506, CEE3501 or CEE3503, CMG4800, ENG4510, MEEM4685
List 3: Sustainability & Communities
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 and Persuasion
PSY2800, PSY3200, PSY3720, PSY4010, PSY4750, SS3805, SS3811, EC3400, MGT2000, SS4001

Course	Credits
	3
	3
	3
	3
	3
	3
	3
	3
	3

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, take 1 course from SS3090, SS3960, SS4000, SS4501, SS4920, SS4921, and participate in SS4910.

Course	Credits
SS 4910	1
	3

OR, students may participate in the Enterprise Program to serve as their culminating experience for the major, with approval from Enterprise faculty member and academic advisor and students must complete SS4910.
Course List: ENT3950, 3960, 4900, 4910, 4950 or 4960

Course	Credits
SS 4910	1
	3/4

General Education Core and HASS

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

Course	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

Six of the 12 HASS credits must be at the 3000 or 4000 level (an upper division language course in place of UN1025 does not meet this requirement). No more than three credits may come from the HASS Restricted course list.

Course	Credits
Communication/ Composition	Minimum 3
Humanities and Fine Arts	Minimum 3
Social and Behavioral Sciences	Minimum 3
Course from any list above or from the Restricted HASS course list	0 to 3

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 credit (0.5) courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the General Education page.

Course	Credits

General Education STEM: 11 credits

Mathematics: 4 credits minimum

Courses must be selected from the STEM Math course list.

Course	Credits

Lab/Science: 7 credits minimum

7 credits minimum in two different disciplines. Courses must be selected from the STEM Lab/Science course list and at least one must include or be taken with the accompanying laboratory. If courses taken in Area C are also on the STEM Lab/Science course list (e.g. GE2000, BL4090, FW2010, FW2060, FW3610, FW4128, FW4260, FW4240, FW3330), with advisor approval, the credits required in this area may be reduced and free electives will be increased.

Course	Credits

Free Electives: 16 to 24 credits

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

Course	Credits