

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

**Base Math and Science: 22 credits**

Course	Credits
BL 1100	3
BL 1200	3
CH 1150	3
CH 1151	1
MA 1135	4
MA 2720	4
PH 1110	3
PH 1111	1

**Environmental Science and Sustainability: 45 credits**

Course	Credits
BL 3310	3
FW 1050	2
FW 2051	2
FW 2060	3
FW 3020	3
FW 3110	3
FW 3313	3
FW 3330	4
FW 3540	4
FW 3760	3
FW 4081	3
FW 4111	3
FW 4500	3
FW 4710	3
SS 2300	3

The options below represent 13 to 15 of the required credits for your degree. In consultation with your academic advisor, choose one of three tracks.

[Track in Climate Science: 15 credits](#)

Course	Credits
FW 4300	3
FW 4370	3
FW 4421 / FW 5421	3
MGT 2000	3
FW 5419 or GE 2640	3

[Track in Environmental Policy: 13 to 14 credits](#)

Course	Credits
FW 3410	3
FW 4180	2
FW 4220	3

*Choose 2 courses for 5 to 6 credits*

Course	Credits
FW 4070	2
SS 3110	3
SS 3315	3
SS 3520	3
SS 3630	3
SS 3750	3
SS 3801	3
SS 3805	3
SS 3815	3
SS 4400	3

[Track in Geospatial Science: 15 credits](#)

Course	Credits
FW 4380	3
FW 4540	3
FW 4542 / FW 5541	1
FW 4545	2
FW 4554 / FW 5554	2
PH 1200	1
PH 1210	3

**Free Electives: 14 to 16 credits**

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

Course	Credits	Course	Credits

**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