

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Environmental Science and Sustainability

Program Code: FESS, Academic Year 2022-2023

Total credits required for the degree: 120

#### Base Math and Chemistry: 22 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

- BL 3310 (3)
- FW 1050 (2)
- FW 2051 (2)
- FW 2060 (3)
- FW 2081 (3)
- FW 3020 (3)
- FW 3110 (3)
- FW 3313 (3)
- FW 3330 (4)
- FW 3540 (4)
- FW 3760 (3)
- FW 4111 (3)
- FW 4500 (3)
- FW 4710 (3)
- SS 2300 (3)

#### Free Electives: 14 to 16 credits

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

#### Select one of three tracks: 13 to 15 credits

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

##### Track in Climate Science: 15 credits

- FW 4300 (3)
- FW 4370 (3)
- FW 4421 (3) or FW 5421 (3)
- MGT 2000 (3)
- FW 5419 (3) or GE 2640 (3)

##### Track in Environmental Policy: 13 to 14 credits

- FW 3410 (3)
- FW 4180 (2)
- FW 4220 (4)

#### Choose 2 courses for 5 to 6 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

- FW 4380 (3)
- FW 4540 (3)
- FW 4500 (1) or FW 5541 (1)
- FW 4545 (2)
- FW 4554 (2) or FW 5554 (2)
- PH 1200 (1)
- PH 1210 (3)

### **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, six of the 12 credits must be at the 3000- or 4000- level**

- 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.