

**Michigan Technological University Bachelor of Science Degree Audit**  
**Major Program: Sustainable Bioproducts, Concentration: Circular Economy**  
Program Code: FSB3, Academic Year 2024-2025  
Total credits required for the degree: 120

**Required Core Courses: 36 credits**

- BUS 1100 (3)
- EC 2001 (3)
- FW 1035 (3)
- FW 1050 (2)
- FW 2030 (2)
- FW 2081 (3)
- FW 3090 (3)
- FW 3097 (3)
- FW 3098 (2)
- FW 3313 (3)
- FW 4050 (3)
- HU 3120 (3)
- MKT 3000 (3)

**Math and Science: 20 credits**

- BL 1400 (3)
- BL 1410 (1)
- CH 1150 (3)
- CH 1151 (1)
- MA 1135 (4)
- MA 2720 (4)
- PH 1110 (3)
- PH 1111 (1)

**Enterprise Project Work: 6 credits**

- ENT 3950 (1)
- ENT 3960 (1)
- ENT 4900 (2)
- ENT 4910 (2)

**ELECTIVES: Choose one course, 2 to 4 credits**

- FW 4001 (2 to 3)
- FW 4840 (4)
- UN 3002 (3)
- Any study abroad course, see academic advisor

**Concentration Requirements: 18 credits**

**Required Concentration Courses: 9 credits**

- EC 3300 (3)
- ENG 4515 (3)
- OSM 3000 (3)

**Electives: 6 credits**

- CM 3979 (1)
- CMG 4800 (3)
- MEEM 4685 (3)
- MGT 2000 (3)
- MGT 3800 (3)
- MSE 4777 (3)
- Any ENT course (1 to 2)

excluding ENT3950, ENT3960, ENT4900, ENT4910

**Electives: 3 credits**

- ART 1110 (3)
- ART 2110 (3)
- ART 2160 (3)
- ART 2190 (3)

**Free Electives: 12 to 14 credits**

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

### 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 a 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.