

Michigan Technological University**Bachelor of Science Degree Audit****Major Program: Sustainable Bioproducts, Concentration: Circular Economy**

Program Code FSB3, Academic Year 2021-22

Total credits required for the degree: 120

Required Core Courses: 37 credits

Course	Credits
BUS 1100	3
EC 2001	3
FW 1035	4
FW 1050	2
FW 2030	2
FW 3090	3
FW 3097	3
FW 3098	2
FW/SS 3313	3
FW 4050	3
FW 4081	3
HU 3120	3
MKT 3000	3

Base Math and Science: 20 credits

Course	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

Course	Credits
ENT 3950	1
ENT 3960	1
ENT 4900	2
ENT 4910	2

Electives: Choose one course, 2 to 4 credits

Course	Credits
FW 4000	2
FW 4840	4
UN 3002	3
or any approved study abroad course, see academic advisor	

Circular Economy Concentration Requirements: 18 credits**Required Courses: 9 credits**

Course	Credits
EC 3300	3
ENG 4515	3
OSM 3000	3

Electives: 6 credits

Course	Credits
CM 3979	1
CMG 4800	3
MEEM 4685	3
MGT 2000	3
MGT 3800	3
MSE 4760	3
MSE 4777	3
Any ENT course excluding ENT3950, ENT3960, ENT4900, ENT4910	1 to 2

Electives: 3 credits

Course	Credits
ART 2110	3
ART 2160	3
ART 2190	3
ART 1110	3

Free Electives: 11 to 13 credits

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

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