

**Michigan Technological University****Bachelor of Science Degree Audit****Major Program: Human Factors, Concentration: Systems Thinking and Design**

Program Code SHF1, Academic Year 2021-22

Total credits required for the degree: 120

**Core Requirements: 43 credits**

Course	Credits
BL 2010 and BL 2011	4
KIP 4250	3
PSY 2080	3
PSY 2501	1
PSY 2720	4
PSY 2800	3
PSY 3000	3
PSY 3001	3
PSY 3700	3
PSY 3800	3
PSY 3850	3
PSY 4010	3
PSY 4015	3
PSY 4160	3
PSY 4500	1

**Cognitive Elective: 3 credits required**

Course	Credits
PSY 3060	3
PSY 4110	3
PSY 4750	3

**Cultural Competency Elective: 3 credits required**

Course	Credits
HU 3400	3
HU 3401	3
HU 3410	3
HU 3701	3
PSY 4340	3
PSY 3720	3
SS 2100	3
SS 2510	3
SS 2700	3
SS 3105	3
SS 3270	3
SS 3750	3

**Usability Elective: 3 credits required**

Course	Credits
HU 4628	3
PSY 4080	3

**Visual Design Elective: 3 credits required**

Course	Credits
ART 1100	3
ART 1110	3
HU 2633	3
HU 2645	3

**Science Elective: 3 credits required**

Complete 3 credits of a non-BL science course from the STEM science course list. Find eligible courses on the [General Education](#) page.

Course	Credits

**Concentration Requirements: 20 to 23 credits**

Course	Credits
MA 1030 and MA 1031 or MA 1032 or MA 1160 or MA1161	4 to 6
ENG 1101 or ENG 1001	2 to 3
ENG 1101 or ENG 1001 or CS 1121 or MIS 2100	2 to 3
ENG 1505	1
ENG 2505	3
ENG 3505	1
ENG 4505	3
ENG 4300 or OSM 4300 or ENG 4510	3

Complete 3 credits from the following:

Course	Credits
ENT 3953	1
ENT 3958	1
ENT 3963	1
ENT 3983	1
HON 3300	3

**Culminating Experience Requirements: 7 credits**

Course	Credits
ENT 3950	1
ENT 3960	1
ENT 4900	2
ENT 4910	2
PSY 4080	1

**Free Electives: 8 to 11 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. Find eligible courses 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

**General Education 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