

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Human Factors

Program Code: SHF, Academic Year 2024-25

Total credits required for the degree: 120

#### Core Requirements: 43 credits

- BL 2010 (3)
- BL 2011 (1)
- HF 1999 (1)
- HF 2000 (3)
- HF 3999 (1)
- KIP 4250 (3)
- PSY 2720 (4)
- PSY 2800 (3)
- PSY 3000 (3)
- PSY 3001 (3)
- PSY 3700 (3)
- PSY 3800 (3)
- HF 3850 (3)
- PSY 4010 (3)
- HF 4015 (3)
- PSY 4160 (3)

#### Cognitive Elective: 3 credits

- PSY 3060 (3)
- PSY 4110 (3)
- PSY 4750 (3)

#### Cultural Competency Elective: 3 credits

- HU 3400 (3)
- HU 3401 (3)
- HU 3410 (3)
- HU 3701 (3)
- PSY 3720 (3)
- PSY 4340 (3)
- SS 2100 (3)
- SS 2510 (3)
- SS 2700 (3)
- SS 3105 (3)
- SS 3270 (3)
- SS 3750 (3)

#### Usability Elective: 3 credits

- HF 4880 (3)
- HU 4628 (3)

#### Visual Design Elective: 3 credits

- ART 1100 (3)
- ART 1110 (3)
- HU 2633 (3)
- HU 2645 (3)

#### Science Elective: 3 credits

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

#### Application Area: 21 to 24 credits

Students may identify and name their own application area. Courses must include at least one from the STEM Mathematics course list, one programming-intensive course drawn from the restricted STEM course list, and a minimum of 6 credits of upper division coursework. The application area must have a theme related to human factors and be approved by the CLS undergraduate program committee.

#### Culminating Experience: 7 credits

- HF 4999 (1)
- ENT 3950 (1)
- ENT 3960 (1)
- ENT 4900 (2)
- ENT 4910 (2)

#### Free Electives: 7 to 10 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 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.