

**Michigan Technological University Bachelor of Science Degree Audit**  
**Major Program: Computer Science, Concentration: Game Development**  
Program Code: SCS7, Academic Year 2024-2025  
Total credits required for the degree: 123

**Core Requirements: 55 to 58 credits**

- CS 1000 (1)
- CS 1131 (5) or CS 1121 and CS 1122 (6)
- CS 1142 (3)
- CS 2311(3) or MA 3210 (3)
- CS 2321 (3)
- CS 3000 (3)
- CS 3141 (3)
- CS 3311 (3)
- CS 3331 (3)
- CS 3411 (3)
- CS 3421 (3)
- CS 3425 (3)
- CS 4121 (3)
- CS 4321 (3)
- HU 3120 (3)
- MA 1160 (4) or MA 1161 (5)
- MA 2330 (3)
- MA 2720 (4) or MA 3710 (3) or MA 3720 (3)

**Technology and Society: 3 credits**

Select one of the following: HU3701, HU3710, HU3810, MA4945, SS3510, SS3511, SS3520, SS3530, SS3580, SS3581, SS3630, SS3640, SS3800, SS3801

**Lab Science Requirements: 7 credits minimum**

Choose one physics lab/science set for 4 credits

- PH 1100 (1) and PH 2100 (3), or
- PH 1110 (3) and PH 1111 (1)

And, choose 3 credits (non-physics) from the General Education STEM science course list. Find eligible courses on the [General Education](#) webpage.

**Concentration Requirements: 18 credits**

- CS 4461 (3)
- CS 4611 (3)
- CS 4760 (3) or CS 3760 (3)
- CS 4811 or CS 4496 or CS 3712 (3)
- CS 4000 -level (3)
  - or CS 5611 or CS 5641 (3)
- ART 1100 or ART 1110 or ART 2130 (3)
  - or MUS 2001 (3)
  - or HU 2642 or HU 2645 (3)

**Husky Game Development: 3 credits**

Select at least 3 credits of Section 18 Enterprise

Husky Game Development:

- ENT 2950, ENT 2960, ENT 3950, ENT 3960, ENT 4900, ENT 4910

**Technical Electives: 6 credits**

See academic advisor for a list of approved technical electives

**Free Electives: 4 to 7 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.