Michigan Technological University
Minor in Business IT Solutions
Program Code BITM, Academic Year 2026-2027
College of Business
Minimum Credits Required: 18
This minor is not open to students in Management Information Systems (BMIS)

Core Required Courses (9 credits) – complete the three courses from this list

- MIS 2000 IS/IT Management (3)
- MIS 3100 Business Database Management (3) *Prereqs: MIS2000(C) or MIS2100 or CS1122 or CS1131*
- MIS 3200 Systems Analysis and Design (3) *Prereqs: MIS2000(C) or MIS2100(C) or CS1122 or CS1131*

Required Programming Course (3 credits) – select one course from this list

- CS 1090 Special Topics in Computer Science (3)
- CS 1121 Introduction to Programming I (3) *Prereqs: MA1031(C) or MA1032(C) or MA1120(C)*
- CS 1131 Accelerated Introduction to Programming (5) *Prereqs: MA1031(C) or MA1032(C) or MA1160(C) or MA1161(C) or MA1121(C)*
- MIS 2100 Introduction to Business Programming (3)

Elective Courses (6 credits) – select at least two courses from one of the elective areas below;
1 course/3 credits MUST have the MIS prefix

- Elective Area: Systems Thinking for Design
  - MIS 3000 Business Process Analysis (3) *Prereqs: MIS2000*
  - MIS 4000 Emerging Technologies (3) *Prereqs: (MIS2100 and MIS3200(C)) or (CS2321 and CS3141)*
  - ENG 1505 Introduction to Systems Engineering (1)
  - ENG 2505 Introduction to Low Fidelity Systems Modeling (3) *Prereqs: ENG1505 and MA2160(C) and (ENG1102(C) or CS1121 or CS1131 or MIS2100)*
- Elective Area: Data and IT
  - CS 4821 Data Mining (3) *Prereqs: (CS3425 or MIS3100) and (MA2330 or MA2320 or MA2321) and (MA2710 or MA2720 or MA3710)*
  - MIS 4400 Business Intelligence and Analytics (3) *Prereqs: (MIS2100 or CS1122 or CS1131) and (MIS3100 or CS3425)*
  - MIS 4000 Emerging Technologies (3) *Prereqs: (MIS2100 and MIS3200(C)) or (CS2321 and CS3141)*
  - MA 2330 Introduction to Linear Algebra (3) *Prereqs: MA1160 or MA1161 or MA1135 or MA1121*
  - MA 3740 Statistical Programming and Analysis (3) *Prereqs: MA2710 or MA2720 or MA3710 or MA3715*