

Total Academic Credits.: 120
+ 3 Co-Curricular Units



Michigan Tech
College of Business

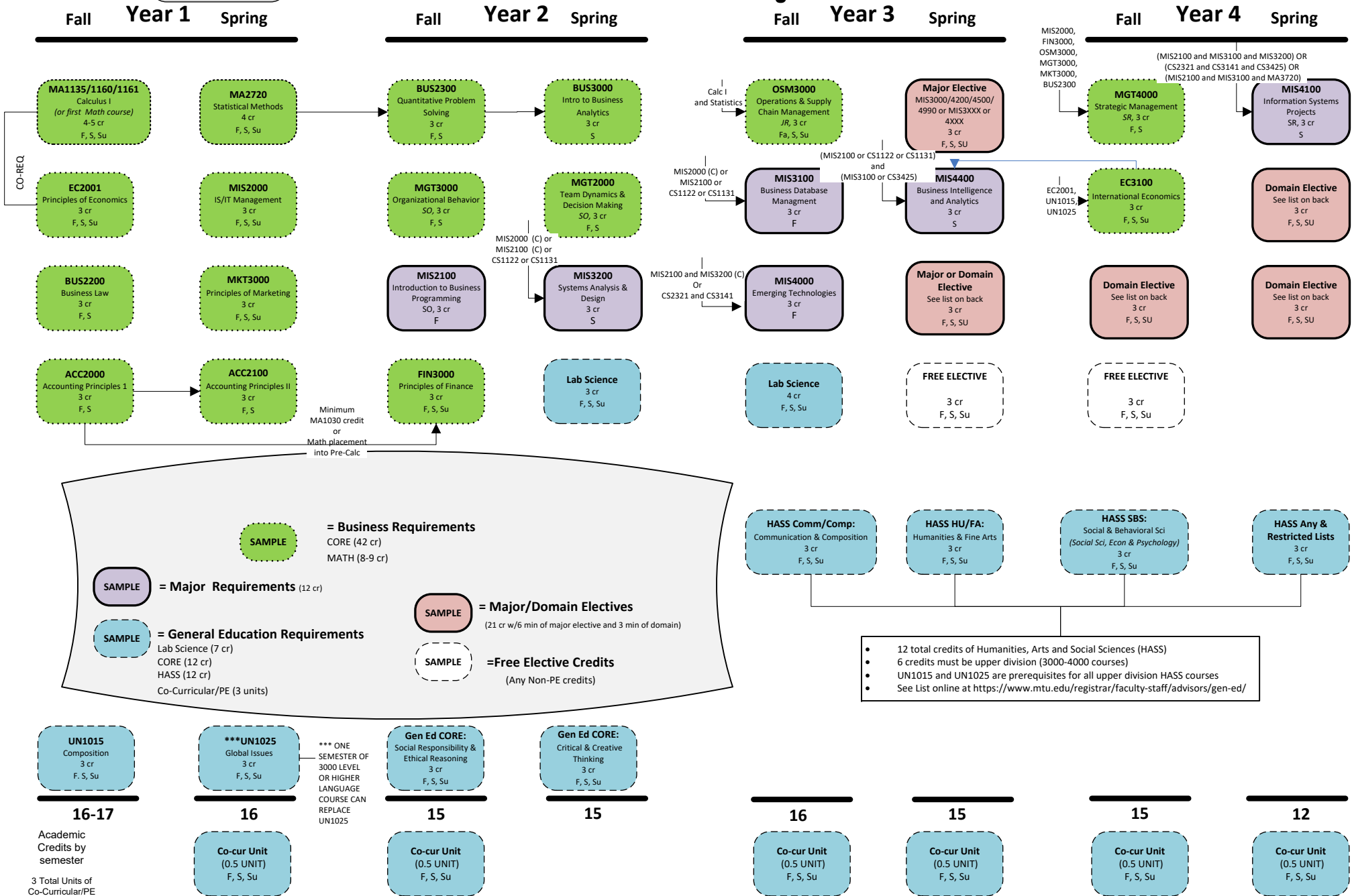
Course Subject and Number
Course Title
Level Restrict, Course Credits
Semesters Offered
(F=Fall, S=Spring, Su=Summer)

MANAGEMENT INFORMATION SYSTEMS (BMIS) *FLOWCHART

2024-25 Academic Catalog Year

***NOTE:**

- Flowchart is a guide for course sequencing recommendations.
 - COB courses have some flexibility.
 - Note if any pre-requisites or class level required before taking a course.
 - Actual Degree requirements are determined by your catalog term
 - Meet with COB Academic Advisor annually for academic goal planning
- Your Official Audit can be found in MyMichiganTech with u.achieve Interactive Degree Audit.



**Management Information Systems (MIS)
Elective Courses**

Refer to the online Course Descriptions for further detail, descriptions, pre-requisites, etc.

www.mtu.edu/catalog/courses/

MIS Electives (Major and Domain): 15 Credits			
Electives: 3-6 credits			Typical Semester Offered
MIS 3000	Business Process Analysis	3	Spring
MIS 4200	Management of Cyber Security	3	Fall
MIS 4500	Systems Design for Innovation & Entrepreneurship	3	Fall (odd years)
*MIS 4990	Special Topics in MIS	3	On Demand
MISXXXX	Any 3000 or 4000 Level course not listed	3	On Demand

Computing Domain Knowledge			
CS 1121	Intro to Programming 1	3	Any Semester
CS 1122	Intro to Programming 2	3	Any Semester
CS 1131	Accelerated Intro to Programming	5	Fall
CS 2311	Discrete Structures	3	Fall/Spring
CS 2321	Data Structures	3	Fall/Spring
CS 4821	Data Mining	3	Spring
Experiential Domain Knowledge			
BUS 3300	Business Internship	1-5	Any Semester (must apply)
ENT 1960	Enterprise Orientation-Spring	1	Fall/Spring
ENT 2350	Enterprise Project Work I	1	Fall/Spring
ENT 2360	Enterprise Project Work II	1	Fall/Spring
ENT 3350	Enterprise Project Work III	1	Fall/Spring
ENT 3360	Enterprise Project Work IV	1	Fall/Spring
ENT 4361	Enterprise Project Work VII	1	Fall/Spring
ENT 4300	Senior Enterprise Project Work V Non-Captains	2	Fall/Spring
ENT 4310	Senior Enterprise Project Work VI Non-Captains	2	Fall/Spring

Domain Knowledge Electives: 9-12 credits from ONE domain area			
Accounting Domain Knowledge			
ACC4000	Accounting Data Analytics	3	Fall
ACC 4100	Audit and Assurance	3	Fall
ACC 4800	Accounting Systems	3	Fall
ACCXXXX	Any 3000 or 4000 level ACC Course	3	Any Semester
Finance Domain Knowledge			
FIN 4000	Investment Analysis	3	Fall
FIN 4100	Advanced Financial Management	3	Fall
FIN 4600	Financial Technology Foundations	3	Spring
FINXXXX	Any 3000 or 4000 level FIN Course	3	Any Semester
Management Domain Knowledge			
MGT 4500	Managing Change in Organizations	3	Spring
MGT 4600	Management of Technology & Innovation	3	Any Semester
OSM 4300	Project Management	3	Any Semester
MGTXXXX	Any 3000 or 4000 level MGT Course	3	Any Semester
Marketing Domain Knowledge			
MKT 3600	Marketing Data Analytics	3	Spring
MKT 4100	Sales and Sales Technology	3	Fall
MKT 4500	Digital Media Marketing	3	Spring
MKTXXXX	Any 3000 or 4000 level MKT Course	3	Any Semester
Supply Chain & Operations Management Domain Knowledge			
OSM 3600	Procurement and Supply Management	3	Fall
OSM 4650	Six Sigma Fundamentals	3	Fall/Spring
OSM 4700	Logistics and Transportation Management	3	Spring
OSMXXXX	Any 3000 or 4000 level OSM Course	3	Any Semester
Mathematics Domain Knowledge			
EC 4200	Econometrics	3	Fall
MA 2330	Introduction to Linear Algebra	3	Fall/Spring
MA 3740	Statistical Programming and Analysis	3	Fall/Spring
MA 4710	Regression Analysis	3	Fall
Networking and Cyber Security Domain Knowledge			
SAT 2343	Networking Administration 1	3	Fall/Summer
SAT 2711	Linux Fundamentals	3	Fall/Summer
SAT 3310	Scripting for Administration, Automation & Security	3	Spring/Summer
SAT 3812	Cyber Security I	3	Spring/Summer
Health Informatics Domain Knowledge			
SAT 4001	Intro to Health Informatics	3	Unknown
SAT 4114	Artificial Intelligence in Healthcare	3	Spring
SAT 4141	Clinical Decision Making	3	Unknown
SAT 4650	Introduction to Applied Computing in Python	3	Fall/Spring