

**BS in Management Information Systems-MIS (BMIS)  
COB Audit Worksheet for Catalog 2024-2025\***

**Business Core Requirements: 42 credits**

Course #	Course Title	Credits
ACC 2000	Accounting Principles I	3
ACC 2100	Accounting Principles II	3
BUS 2200	Business Law	3
BUS 2300	Quantitative Problem Solving	3
BUS 3000	Introduction to Business Analytics	3
EC 2001	Principles of Economics	3
EC 3100	International Economics	3
FIN 3000	Principles of Finance	3
MGT 2000	Team Dynamics and Decision Making	3
MGT 3000	Organizational Behavior	3
MGT 4000	Strategic Management	3
MIS 2000	IS/IT Management	3
MKT 3000	Principles of Marketing	3
OSM 3000	Operations & Supply Chain Management	3

**Math Requirements: 8-9 credits**

MA 1135	Calculus for Life Sciences	4
or MA 1160	Calculus with Technology I	4
or MA1161	Calculus Plus with Technology	5
MA 2720	Statistical Methods	4

**MIS Requirements: 18 credits**

MIS 2100	Intro to Business Programming	3
MIS 3100	Business Database Management	3
MIS 3200	Systems Analysis and Design	3
MIS 4000	Emerging Technologies	3
MIS 4100	Information Systems Projects	3
MIS 4400	Business Intelligence and Analytics	3

**MIS Electives (Major and Domain): 15 Credits**

**Electives: 3-6 credits**

MIS 3000	Business Process Analysis	3
MIS 4200	Management of Cyber Security	3
MIS 4500	Systems Design for Innovation & Entrepreneurship	3
*MIS 4990	Special Topics in MIS	3
MISXXXX	Any 3000 or 4000 Level course not listed	3

**Domain Knowledge Electives:  
9-12 credits from ONE domain area**

**Accounting Domain Knowledge**

ACC4000	Accounting Data Analytics	3
ACC 4100	Audit and Assurance	3
ACC 4800	Accounting Systems	3
ACCXXXX	Any 3000 or 4000 level ACC Course	3

**Finance Domain Knowledge**

FIN 4000	Investment Analysis	3
FIN 4100	Advanced Financial Management	3
FIN 4600	Financial Technology Foundations	3
FINXXXX	Any 3000 or 4000 level FIN Course	3

**Management Domain Knowledge**

MGT 4500	Managing Change in Organizations	3
MGT 4600	Management of Technology & Innovation	3
OSM 4300	Project Management	3
MGTXXXX	Any 3000 or 4000 level MGT Course	3

**Marketing Domain Knowledge**

MKT 3600	Marketing Data Analytics	3
MKT 4100	Sales and Sales Technology	3
MKT 4500	Digital Media Marketing	3
MKTXXXX	Any 3000 or 4000 level MKT Course	3

**Supply Chain & Operations Management Domain Knowledge**

OSM 3600	Procurement and Supply Management	3
OSM 4650	Six Sigma Fundamentals	3
OSM 4700	Logistics and Transportation Management	3
OSMXXXX	Any 3000 or 4000 level OSM Course	3

**Data Analytics (prep for MS in Data Science) Domain Knowledge**

EC 4200	Econometrics	3
MA 2330	Introduction to Linear Algebra	3
MA 3740	Statistical Programming and Analysis	3
MA 4710	Regression Analysis	3

**Networking and Cyber Security Domain Knowledge**

SAT 2343	Networking Administration 1	3
SAT 2711	Linux Fundamentals	3
SAT 3310	Scripting for Administration, Automation & Security	3
SAT 3812	Cyber Security 1	3

**Health Informatics Domain Knowledge**

SAT 4001	Intro to Health Informatics	3
SAT 4114	Artificial Intelligence in Healthcare	3
SAT 4141	Clinical Decision Making	3
SAT 4650	Introduction to Applied Computing in Python	3

**MORE DOMAIN OPTIONS ON THE BACK**

\* Not the official audit form. The Registrar's audit can be found at:  
<http://www.mtu.edu/registrar/students/major-degree/audit/business/>  
For official degree progress run an audit in MyMichiganTech under "Current Students" by accessing "Undergraduate Degree Audit"

\*ON DEMAND Course=no predicted offering; see advisor if interested

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Computing Domain Knowledge		
CS 1121	Intro to Programming 1	3
CS 1122	Intro to Programming 2	3
CS 1131	Accelerated Intro to Programming	5
CS 2311	Discrete Structures	3
CS 2321	Data Structures	3
CS 4821	Data Mining	3
Experiential Domain Knowledge		
BUS 3900	Business Internship	1-5
ENT 1960	Enterprise Orientation-Spring	1
ENT 2950	Enterprise Project Work I	1
ENT 2960	Enterprise Project Work II	1
ENT 3950	Enterprise Project Work III	1
ENT 3960	Enterprise Project Work IV	1
ENT 4961	Enterprise Project Work VII	1
ENT 4900	Senior Enterprise Project Work V Non-Capstone	2
ENT 4910	Senior Enterprise Project Work VI Non-Capstone	2

Co-curricular Activities: 3 credits/units		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. <i>Courses range from 1.0 - 0.5 credits</i>		

Free Electives: 9 credits		

GENERAL EDUCATION Core and HASS (24 Credits)		
General Education Core: 12 credits		
Course #	Course Title	Credits
UN 1015	Composition	3
UN 1025	Global Issues or upper level modern language	3
	Critical and Creative Thinking	3
	Social Responsibility & Ethical Reasoning	3
HASS: 12 Credits		
<input type="checkbox"/> Students must complete 12 credits of HASS course work <input type="checkbox"/> Six of the 12 credits must be upper level of 3000 or 4000 <input type="checkbox"/> At least three credits each in the following: Communication/Comp, Humanities and Fine Arts and Social & Behavioral Sciences. <input type="checkbox"/> No more than three credits may come from the restricted list		
	Communication/Composition	3
	Humanities and Fine Arts	3
	Social and Behavioral Sciences	3
	Course from any list above or Restricted list	3

Lab Science Requirements: minimum of 7 credits		
BL / Biology , CH / Chemistry , EH / Exercise Science , FW / Forestry , GE / Geology , PH / Physics , SS / Social Science		
Students must complete two science courses in two different disciplines, from the Science Course List; at least one of these must include or be taken with the accompanying laboratory.		

Business Core \_\_\_\_\_

Math \_\_\_\_\_

Lab Science \_\_\_\_\_

Major Core \_\_\_\_\_

Major Electives (21 total) \_\_\_\_\_

Gen Ed \_\_\_\_\_

Free Electives \_\_\_\_\_

**Total Academic Credits  
Required: 120**

Co-curricular Activities \_\_\_\_\_