

**BS in Management Information Systems-MIS (BMIS)
COB Audit Worksheet for Catalog 2021-22***

Business Core Requirements: 42 credits

Course #	Course Title	Credits
ACC 2000	Accounting Principles I	3
ACC 2100	Accounting Principles II	3
BUS 1100	Introduction to Business	3
BUS 2200	Business Law	3
BUS 2300	Quantitative Problem Solving	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

Major Core Requirements: 12 credits

MIS 2100	Intro to Business Programming	3
MIS 3100	Business Database Management	3
MIS 3200	Systems Analysis and Design	3
MIS 4100	Information Systems Projects	3

Electives (Major and Domain): 21 Credits

Major Electives: 6-18 credits

MIS 2200	Web Programming	3
MIS 3000	Business Process Analysis	3
MIS 3500	User-Centered Design	3
MIS 4000	Advanced Information Systems	3
MIS 4200	Management of Cyber Security	3
MIS 4400	Business Intelligence and Analytics	3
MIS 4500	Systems Design for Innovation & Entrepreneurship	3
MIS 4990	Special Topics in MIS	3
OSM 4300	Project Management	3

Domain Knowledge Electives: 3-15 credits

Accounting

ACC 3000	Intermediate Accounting I	3
ACC 3100	Intermediate Accounting II	3
ACC 3500	Managerial/Cost Accounting I	3
ACC 3600	Foundations of Taxation	3
ACC 4100	Audit and Assurance	3
ACC 4800	Accounting Systems	3

Finance

FIN 4000	Investment Analysis	3
FIN 4100	Advanced Financial Management	3
FIN 4500	Risk Management & FinTech	3
FIN 4700	Global Finance	3
EC 3300	Industrial Organization	3

Management

MGT 3800	Entrepreneurship	3
MGT 4500	Managing Change in Organizations	3
MGT 4600	Management of Technology & Innovation	3

Marketing

MKT 3200	Consumer Behavior & Culture	3
MKT 3600	Marketing Data Analytics	3
MKT 4300	Global Marketing	3
MKT 4500	Digital Media Marketing	3

Supply Chain & Operations Management

OSM 3600	Procurement and Supply Management	3
OSM 4650	Six Sigma Fundamentals	3
OSM 4700	Logistics and Transportation Management	3

Data Analytics (prepares for MS in Data Science)

MA 2330	Introduction to Linear Algebra	3
MA 3203	Introduction to Combinatorics	3
MA 3740	Statistical Programming and Analysis	3
MA 4710	Regression Analysis	3

Computing and Network

CS 1121	Introduction to Programming I	3
CS 1122	Introduction to Programming II	3
SAT 2711	Linux Fundamentals	3
SAT 3310	Scripting for Administration, Automation & Security	3

Experiential

BUS 3900	Business Internship	1-4
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

* 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"

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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.	

Free Electives: 9 credits		

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>		

Business Core _____

Math _____

Lab Science _____

Major Core _____

Major Electives (21 total) _____

Gen Ed _____

Free Electives _____

**Total Academic Credits
Required: 120**

Co-curricular Activities _____