## BS in Management Information Systems-MIS (BMIS) COB Audit Worksheet for Catalog 2023-24*

| 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 <br> or MA 1160 <br> or MA1161 | Calculus for Life Sciences <br> Calculus with Technology I <br> Calculus Plus with Technology | $4$ |
| MA 2720 | Statistical Methods | 4 |
| MIS 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 |
| MIS Electives (Major and Domain): 21 Credits |  |  |
| 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 |

[^0]| 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 | 3 |
| FIN 4700 | Global Finance | 3 |
| EC 3300 | Industrial Organization | 3 |
| Management |  |  |
| MGT 3800 | Innovation and Entrepreneurship | 3 |
| MGT 4500 | Managing Change in Organizations | 3 |
| MGT 4600 | Management of Techology \& 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 Transporation 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 | 1-5 |
| 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 |


| 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 |  |
| HASS: 12 Credits |  |  |
| Students must complete 12 credits of HASS course work <br> $\square$ Six of the 12 credits must be upper level of 3000 or 4000 <br> $\square$ At least three credits each in the following: Communication/Comp, <br> Humanities and Fine Arts and Social \& Behavioral Sciences. <br> $\square$ 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 |

## Co-curricular Activities: 3 credits/units

Required for graduation, but not included in the GPA calcuation or in the overall credits required for the degree. Courses range from 1.0-0.5 credits

|  |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

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

|  |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Business Core $\qquad$
Math $\qquad$

Lab Science $\qquad$
Major Core $\qquad$

Major Electives (21 total) $\qquad$

Gen Ed $\qquad$

Free Electives $\qquad$

Total Academic Credits
Required:
120

Co-curricular Activities $\qquad$


[^0]:    * 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"

