+ 3 Co-Curricular Units Course Subject and Number Course Title Level Restrict, Course Credits Semesters Offered (F=Fall, S=Spring,Su=Summer)



ACCOUNTING w/Data Analytics (BAC1) *FLOWCHART

2023-24 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.

Year 2 Spring Year 3 Year 1 Year 4 Spring Fall Spring Spring Fall Fall BUS2300 MA1135/1160/1161 BUS3000 ACC2100 *ACC4800 MKT3000 MA2720 EC3100 EC2001 Statistical Methods Accounting Systems Principles of Marketing **ACC Elective** (or first Math course) Problem Solving Analytics UN1015,-4 cr 3 cr 3 cr 3 cr 3 cr 3 cr HN1025 F, S, Su F, S, Su F, S, Su CO-REQ Calc I Minimum ACC2000 and MIS2000, MA1030 credit or and Statistics *ACC4000 OSM3000 MGT2000 FREE ELECTIVE EC2001 FIN3000 FIN3000, MGT4000 ACC3000 (C) Math placement Lab Science Team Dynamics & Accounting Data Operations & Suppl OSM3000, inciples of Econ Principles of Finance itegic Manager into Pre-Calc 3 cr **Decision Making** Analytics MGT3000, *SR*, 3 cr 3 cr 3 cr F, S, Su SQ. 3 cr 3 cr IR. 3 cr MKT3000 F, S, Su F, S, Su F, S F, S, Su BUS2300 ACC3500 *MIS3100 FREE ELECTIVE ACC2100 ACC3600 ACC2000 MGT3000 Managerial/ **Business Database ACC Elective** unting Principles I dations of Taxatio Cost Accounting 1 Management 3 cr SO. 3 cr 3 cr 3 cr 3 cr 3 cr 3 cr F, S F, S F. S F, S, Su S ACC3000 ACC3100 Intermediate Intermediate FRFF FLFCTIVE **Lab Science** Accounting I Accounting II **Business Law** IS/IT Management Audit and Assurance 3 cr 3 cr 3 cr 3 cr 3 cr F, S, Su F, S, Su F, S, Su *MIS2100 Introduction to Business Programmin SO, 3 cr HASS SRS: HASS Comm/Comp: HASS HU/FA: HASS Any & Social & Behavioral Sci Communication & Composition Humanities & Fine Arts **Restricted Lists** (Social Sci, Econ & Psychology) 3 cr F, S, Su F. S. Su F. S. Su F, S, Su = General Education Requirements Lab Science (7 cr) = Business Requirements SAMPLE CORE (12 cr) **SAMPLE** CORE (42 cr) HASS (12 cr) MATH (8-9 cr) Co-Curricular/PE (3 units) = Major/*Concentration Requirements 12 total credits of Humanities, Arts and Social Sciences (HASS) 6 credits must be upper division (3000-4000 level courses) Major (15 cr) =Free Elective Credits SAMPLE SAMPLE UN1015 and UN1025 are prerequisites for all upper division HASS courses Concentration Req (12 cr) (Any Non-PE credits) See List online at https://www.mtu.edu/registrar/faculty-staff/advisors/gen-ed/ Concentration Elective (6 cr) *** ONF Gen Ed CORE: ***UN1025 Gen Ed CORE: UN1015 SEMESTER OF Global Issues Critical & Creative Social Responsibility & Composition 3000 LEVEL Ethical Reasoning 3 cr 3 cr Thinking OR HIGHER 3 cr F. S, Su F, S, Su LANGUAGE F, S, Su F. S. Su COURSE CAN REPLACE 15 Academic **16-17** 15 16 UN1025 15 16 15 15 Credits by semester Co-cur Unit Co-cur Unit Co-cur Unit Co-cur Unit Co-cur Unit Co-cur Unit (0.5 UNIT) (0.5 UNIT)) (0.5 UNIT) (0.5 UNIT) (0.5 UNIT) (0.5 UNIT) 3 Total Units of Co-Curricular/PE F, S, Su F, S, Su

Accounting w/ Data Analytics
Elective Courses
Refer to the online Course Descriptions for further detail, descriptions, pre-requisites, etc.

www.mtu.edu/catalog/courses/

Concentration Electives: 6 credits			Typical Semester Offered
ACC 4200	Accounting Theory	3	Fall
ACC 4500	Managerial/Cost Accounting II	3	Spring
ACC 4600	Advanced Tax Topics	3	On Demand
ACC 4700	Governmental & Not-for-Profit Accounting	3	Spring
ACC 4990	Special Topics in Accounting	1-6	On Demand
BUS 3900	Business Internship	1-5	Any Semester (must apply)
BUS 4900	Research Project	1-6	On Demand
BUS 4950	Business Project	1-6	On Demand
BUS 4990	Special Topics in Business	1-6	On Demand
BUS 4991	Business Development Experience I	3	On Demand
BUS 4992	Business Development Experience II	3	On Demand
EC 3300	Industrial Organization	3	Fall
FIN 4000	Investment Analysis	3	Fall
FIN 4100	Advanced Financial Management	3	Fall
FIN 4200	Derivatives and Financial Engineering	3	Spring
FIN 4300	Personal Financial Planning	3	Spring
FIN 4400	Equity Analysis	3	On Demand
FIN 4500	Risk Management	3	Spring
FIN 4700	Global Finance	3	Fall
FIN 4801	Applied Portfolio Management 1	2	Summer
FIN 4802	Applied Portfolio Management II	2	Fall
FIN 4803	Applied Portfolio Management III	2	Spring
MA 3720	Probability	3	Fall/Summer
MA 3740	Statistical Programming and Analysis	3	Fall/Summer
MA 4710	Regression Analysis	3	Fall
MIS 3000	Business Process Analysis	3	Spring
MIS 3200	Systems Analysis and Design	3	Spring
MIS 3500	User-Centered Design	3	On Demand
MIS 4000	Emerging Technologies	3	Fall
MIS 4200	Management of Cyber Securtiy	3	Fall (odd years)
MIS 4400	Business Intelligence and Analytics	3	Spring