

B.S. Accounting w/Data Analytics Concentration (BAC1) Degree (Fall 2025 and later)

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.

First Year – Fall

| Course | Prerequisites | Credit |
|---|---|--------------|
| MA1035/1161/1161-Calculus (Essential Ed Math) | MA 1032 or MA 1031 or MA 1120 or ALEKS Math Placement >= 76 or CEEB Calculus AB >= 2 or CEEB Calculus BC >= 2 or CEEB Calculus AB Subscore >= 2 or ACT Mathematics >= 26 or SAT MATH SECTION SCORE-M16 >= 610 | 4-5 |
| ACC2000 -Accounting Principles I (Essential Ed STEM) | | 3 |
| EC2001 -Principles of Economics (Essential Ed-Fnd in Human World) | MA1030 or MA1031 or MA1032 or MA1135/1160/1161/1121 © | 3 |
| UN1015 Composition | | 3 |
| UN1013/2013 (Essential Ed-Seminar) | | 1 |
| Total | | 14-15 |

Second Year – Fall

| Course | Prerequisites | Credit |
|---|---|-----------|
| BUS2300 -Quantitative Problem Solving | BUS2100 or MA2720/2720/3710/3720 | 3 |
| ACC3000 -Intermediate Accounting I | ACC2000 | 3 |
| ACC3600 -Foundations of Taxation | ACC2000 | 3 |
| MIS2100 -Intro to Business and Analytics Programming | So, Jr or Sr | 3 |
| FIN3000 -Principles of Finance | ACC2000 and MA1030 or MA1031 or MA1032 or MA1135/1160/1161/1121 | 3 |
| Total | | 15 |

Third Year – Fall

| Course | Prerequisites | Credit |
|--|-----------------------|-----------|
| ACC4000 -Accounting Data Analytics | ACC2000 and ACC3000 © | 3 |
| MGT3000 -Organizational Behavior | So, Jr or Sr | 3 |
| ACC4100 -Audit and Assurance | ACC3000 | 3 |
| Essential Education - Natural & Physical Science | | 3 |
| Essential Education - Activities for Well-Being and Success | | 1 |
| Total | | 13 |

Fourth Year – Fall

| Course | Prerequisites | Credit |
|---|--|-----------|
| ACC4800 -Accounting Systems | ACC2100 | 3 |
| MGT4000 -Strategic Management | Sr and MIS2000 and FIN3000 and OSM3000 and MGT3000 and MKT3000 and BUS2300 | 3 |
| MIS3100 -Business Database Modeling and Mgt | MIS2000 or MIS2100 or CS1122 or CS1131 | 3 |
| Essential Education - Intercultural Competency | | 3 |
| Essential Education - Arts & Culture | | 3 |
| Total | | 15 |

First Year – Spring

| Course | Prerequisites | Credit |
|--|------------------|-----------|
| MA2720 Statistical Methods | MA1030 or MA1032 | 4 |
| ACC2100 -Accounting Principles II | ACC2000 | 3 |
| MIS2000 -IS/IT Mgt (Essential Ed STEM) | | 3 |
| BUS2200 -Business Law (Essential Ed SHAPE) | | 3 |
| Essential Education - Activities for Well-Being and Success | | 1 |
| Total | | 14 |

Second Year – Spring

| Course | Prerequisites | Credit |
|--|-----------------------|-----------|
| BUS3000 -Intr to Business Analytics | BUS2300 | 3 |
| MGT2000 -Team Dynamics & Decision Making | So, Jr, or Sr | 3 |
| ACC3500 -Managerial/Cost Accounting I | ACC2100 | 3 |
| ACC3100 -Intermediate Accounting II | ACC3000 and FIN3000 © | 3 |
| Essential Education - Activities for Well-Being and Success | | 1 |
| Total | | 13 |

Third Year – Spring

| Course | Prerequisites | Credit |
|--|---|-----------|
| ACC4700 -Governmental & Not for Profit Accounting | ACC3000 | 3 |
| OSM3000 -Operations & Supply Chain Management | MA1135/1160/1161/1121 and MA2710/2720/3710/3720 or EET2010 or BUS2100 or CEE3710 and Jr or Sr | 3 |
| MKT3000 -Principles of Marketing | | 3 |
| Accounting Elective | | 3 |
| Essential Education – Communication Intensive | | 3 |
| Total | | 15 |

Fourth Year – Spring

| Course | Prerequisites | Credit |
|--|---------------|-------------------------------------|
| EC3100 -International Economics | EC2001 | 3 |
| Accounting Elective | | 3 |
| Accounting Elective | | 3 |
| Free Electives | | Variable based on Academic Planning |
| Essential Education Experience | | 3 |
| Total | | 12-? |

Grand Total = 120 Credits

B.S. Accounting w/Data Analytics Concentration (BAC1) Degree (Fall 2025 and later)

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.

- Essential Education Requirements:** 24 total credits. Required courses are *Essential Ed Seminar* (UN1013 or UN2013, 1 credit), *Composition* (UN1015-3 credits), a *Natural and Physical Science* course (3 credits), a *Communication Intensive* course (3 credits), an *Arts & Culture* course (3 credits), an *Intercultural Competency* course (3 credits), an *Essential Education Experience* course (3 credits), and 3 credits of *Activities for Well-being and Success*. The Essential Education and Activities for Well-Being list is available online at: <https://www.mtu.edu/registrar/pdfs/essential-education-course-lists-2025-2026.pdf>
- Concentration Electives** (18 credits):

| | PREREQS: |
|---|---|
| • ACC4200 -Advanced Accounting (3 cr); Sp | ACC3100 |
| • ACC4500 -Managerial/Cost Accounting II (3 cr); On Demand | ACC3500 |
| • ACC4600 -Advanced Tax Topics (3 cr); On Demand | ACC3600 |
| • ACC4990 -Special Topics (3 cr); On Demand | ACC3000 and Instructor Permission |
| • BUS3900 -Business Internship (1-4 cr); By Arrangement | Submit Proposal in advance |
| • BUS4900 -Research Projects (1-4 cr); On Demand | Arranged; Jr or Sr |
| • BUS4950 -Business Project (1-4 cr); On Demand | Arranged; Jr or Sr |
| • BUS4990 -Special Topics in Business (1-4 cr); On Demand | Arranged; Jr or Sr |
| • EC3300 -Industrial Organization (3 cr); F | EC2001 |
| • FIN4000 -Investment Analysis (3 cr); F | FIN3000 or EC3400 and MA2710/2720/3710 |
| • FIN4100 -Advanced Financial Management (3 cr); F | FIN3000 or EC3400 |
| • FIN4200 -Derivatives & Financial Engineering (3 cr); Sp | FIN3000 or EC3400 and MA2710/2720/3710 |
| • FIN4300 -Personal Financial Planning (3 cr); Sp | FIN3000 or EC3400 |
| • FIN4400 -Equity Analysis (3 cr); On Demand | FIN3000 or EC3400 |
| • FIN4500 -Risk Management (3 cr); Sp | FIN3000 or EC3400 and MA2710/2720/3710 |
| • FIN4600 -FinTech Foundations (3 cr); F | FIN3000 or EC3400 |
| • FIN4700 -Global Finance (3 cr); F | FIN3000 or EC3400 |
| • FIN4801/4802/4803 -Applied Portfolio Management Program (APMP) (6 cr); SU, F, Sp | Jr or Sr; Must Apply |
| • MA3720 -Probability (3 cr); F, Su | MA2160 |
| • MA3740 -Statistical Programming and Analysis (3 cr); F, Sp | MA2710 or MA2720 or MA3710 or MA3715 |
| • MA4710 -Regression Analysis (3 cr); F, Su | MA2710 or MA2720 or MA3710 or MA3715 or MA5701 |
| • MIS3000 -Business Process Mgt and Automation (3 cr); Sp | MIS2000 |
| • MIS3200 -Systems Analysis and Design (3 cr); Sp | MIS2100 or CS1122 or CS1131 |
| • MIS3500 -User Centered Design (3 cr); On Demand | MIS2000 or MIS2100 or CS1122 or CS1131 |
| • MIS4000 -AI and Emerging Technologies for Business (3 Cr); F | MIS2100 or CS1122 or CS1131 |
| • MIS4200 -Mgt of Cyber Security (3 cr); On Demand | MIS2000 or MIS2100 or CS1111 or CS1122 or CS1131 & Jr or Sr |
| • MIS4400 -Business Intelligence and Analytics (3 cr); | (MIS2100 or CS1122 or CS1131) and (MIS3100 or CS3425) |
- Prerequisite** (pre-req) course must be successfully completed **PRIOR** to taking the subsequent course.
Concurrent Prerequisites (concurrent noted by ©) may be taken at the same time, although it is not necessary if the prerequisite course is completed first.
Required Corequisite (co-req) courses that **MUST** be taken together in the same semester.
Class Standing: So (Sophomore Standing earned 30 credits) Jr (Junior Standing earned 60 credits), Sr (Senior Standing earned 90 credits)
Semester Offered: Noted under electives with F (Fall), Sp (Spring), Su (Summer) or On Demand (no anticipated offering but may show in the schedule, consult COB advisor)
- Math:** Students are placed into an initial math course based on ACT/SAT math score, the online ALEKS assessment, or a math placement exam score for credit (AP, IB, CLEP).
- Transfer, Advanced Placement, or study abroad courses** are not included in credit hours used for GPA calculations. Transfer credit is awarded for Michigan Tech equivalent course work only if a grade of 'C' or better (2.00/4.00) or equivalent is earned at a transfer institution. Study abroad credit will be awarded based on passing a course according to equivalent international standards. Advanced Placement credit is awarded according to published AP Exam score standards (also IB and CLEP).

This degree plan is not an official list of degree requirements. Adjustments may be required due to curriculum changes.