

B.S. Management w/concentration in Entrepreneurship (BMG2) 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
MA1161/1161 -Calculus w/Technology (<i>Essential Ed Math</i>)	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
BUS2200 -Business Law (<i>Essential Ed SHAPE</i>)		3
ACC2000 -Accounting Principles I (<i>Essential Ed STEM</i>)		3
UN1013 or 2013 - <i>Essential Ed</i> -Seminar		1
UN1015 Composition		3
Total		14-15

Second Year – Fall

Course	Prerequisites	Credit
BUS2300 -Quantitative Problem Solving	BUS2100 or MA2720/2720/3710/3720	3
MGT3000 -Organizational Behavior	So, Jr or Sr	3
FIN3000 -Principles of Finance	ACC2000 and MA1030 or MA1031 or MA1032 or MA1135/1160/1161/1121	3
MGT3800 -Innovation & Entrepreneurship	So, Jr, or Sr	3
<i>Essential Education</i> – Natural & Physical Science		3
Total		15

Third Year – Fall

Course	Prerequisites	Credit
MGT4600 -Management of Technology and Innovation	Jr or Sr	3
OSM4300 -Project Management	Jr	3
MIS2000 -IS/IT Mgt (<i>Essential Ed STEM</i>)	(MA2720/2720/3710 or CE3710 or CEE3710) and (MA1135/1161/1161/1121) and Jr or Sr	3
MGT4100 -International Mgt	Jr or Sr	3
<i>Essential Education</i> – Intercultural Competency		3
<i>Essential Education</i> – Activities for Well-Being and Success		1
Total		16

Fourth Year – Fall

Course	Prerequisites	Credit
Concentration Elective	See list on back	3
MGT4700 -Human Resource Mgt	MGT3000 and Jr or Sr	3
EC3100 -International Economics	EC2001	3
Free Electives		Variable based on Academic Planning
<i>Essential Education</i> – Arts & Culture		3
Total		12-?

First Year – Spring

Course	Prerequisites	Credit
MA2720 Statistical Methods	MA1030 or MA1032	4
EC2001 -Principles of Economics (<i>Essential Ed</i> -Fnd in Human World)	MA1030 or MA1031 or MA1032 or MA1135/1160/1161/1121 ©	3
ACC2100 -Accounting Principles II	ACC2000	3
MKT3000 -Principles of Marketing		3
<i>Essential Education</i> – 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, Sr	3
MGT4300 -Developing Entrepreneurial Ventures	MGT3800	3
<i>Essential Ed</i> Communication Intensive		3
Total		12

Third Year – Spring

Course	Prerequisites	Credit
MGT4500 -Managing Change in Organizations	MGT3000 and Jr or Sr	3
OSM3000 -Operations & Supply Chain Mgt	MA1135/1160/1161/1121 and MA2710/2720/3710/3720 or EET2010 or BUS2100 or CEE3710 and Jr or Sr	3
MGT4650 -Commercialization of Advanced Technologies	MGT4600 and Jr or Sr	3
MGT3650 -Intellectual Property Management	Jr or Sr	3
<i>Essential Education</i> – Activities for Well-Being and Success		1
Total		13

Fourth Year – Spring

Course	Prerequisites	Credit
Concentration Elective	See list on back	3
MGT4000 -Strategic Management	Sr and MIS2000 and FIN3000 and OSM3000 and MGT3000 and MKT3000 and BUS2300	3
Concentration Elective	See list on back	3
<i>Essential Education Experience</i>		3
Free Electives		Variable based on Academic Planning
Total		12-???

Grand Total = 120 Credits

1. **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

B.S. Management w/Supply Chain and Operations Management Concentration (BMG1) Degree (Fall 2025 and later)

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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>

2. **Concentration Electives** (9 credits):

- **ACC3500**-Managerial/Cost Accounting I (3 cr)-Sp
- **BUS3900**-Business Internship (1-4 cr); By Arrangement
- **EC3300**-Industrial Organization (3 cr); F
- **MGT3100**-Leadership Development (3 cr); F
- **MGT4990**-Special Topics in Management (variable to 3 cr, max 6); On Demand
- **MKT3600**-Marketing Data Analytics (3 cr); Sp
- **MKT4200**-B2B Marketing in a Digital Age (3 cr); Sp
- **OSM3150**-Intro to Supply Chain Management (3 cr); F
- **OSM4350**-Advanced Project Mgt-Sp
- ***ENT Team Credits**: 1960, 2950, 2960, 3950, 3960 (1 cr)
- ***ENT4900 or 4910**-Senior Enterprise (2 cr)
- ***ENT3954**-Enterprise Market Principles (1 cr); F, Sp
- ***ENT3958**-Ethics in Engineering Design and Implementation (3 cr); F, Sp
- ***ENT3963**-Deliver: Explore, Develop, Execute!

**ENT Credits limited to 3-6 if utilizing as options*

PREREQS:

ACC2100 or ACC3500
[Submit Proposal in advance](#)
 EC2001
 So and above
 MGT3000 and instructor's permission
 MKT3000 and BUS2100
 or MA2720/2720/3710/3720
 MKT3000
 OSM3000© and Jr or Sr
 OSM4300, Jr above and Instructor's Permission
 Ask Enterprise Advisor/Pavlis advice
 Sr and Enterprise Advisor/Pavlis advice
 So, Jr or Sr
 ENG1101 or So, Jr or Sr
 So and above

3. **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)

4. **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).

5. **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).

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