



Articulation Agreement

Milwaukee Area Technical College (MATC)
Business & Management Pathway
AAS Business Management (10-102-3)

To

The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
Lubar School of Business

BBA Degrees (Accounting, Finance, General Business, Human Resources Management, Information Technology
Management, Marketing, & Supply Chain & Operations Management)

Effective Date: 11/01/2021

Next Review Date: 11/01/2026

[ ] New Agreement

[x] Revised Agreement

Agreement Description and Rationale:

This articulation agreement is designed to maximize the transferable credits from the MATC AAS Business Management program to the Lubar School of Business BBA degrees. Based on review of course descriptions and syllabi in both programs, this agreement allows students to complete an associate of applied science degree at MATC and build an understanding of the introductory concepts being taught to enter the Lubar School of Business. The agreement will also allow a student at MATC to start their General Education Requirements.

Admission Requirements/Conditions:

Students must meet all standard UWM admissions requirements to be eligible for participation in this agreement. Information on transfer admissions requirements may be found at transfer.uwm.edu.

In addition, the following conditions will apply:

- Once a student is admitted to UWM, every business student must complete the following requirements to advance to their business major:
- Attain Junior Standing (56 credits)—will be met by AAS degree completion
- Satisfy Oral and Written Communication Part A Requirement (Complete the English sequence [ENGLISH 100/101 & 102] with a "C" or better in ENGLISH 102, place out through Guided English Placement, or transfer in an OWCB course with "C" or better.)
- Satisfy Quantitative Literacy Part A Requirement (Complete the math sequence [MATH 92/102/75 + 105, MATH 94 + 105, or MATH 98/108] with a "C" or better in MATH 105 or 108, place high enough on the Math Placement Test, or transfer in a QLB course with a "C" or better.)
- Complete the following six business foundation courses with a GPA of a 2.25 or higher:
 - Most courses may be completed w/in the AAS Business Management curriculum:

Table with 2 columns: MATC Course and UWM Course. Rows include: ECON-201 Principles of Microeconomics to ECON 103 Principles of Microeconomics; ECON-202 Principles of Macroeconomics to ECON 104 Principles of Macroeconomics; BADM-106 MS Office for Business Apps\*\* to BUS ADM 230 Intro to Information Tech Mgt\*\*; MATH-211 Survey Calc & Analytical Geometry to MATH 211 Survey of Calculus or MATH 208 Quantitative Models for Business; SPEECH-201 Elements of Speech or ENG-196 Oral/Interpersonal Communication to COMMUN 103 Public Speaking or COMMUN 105 Bus & Professional Comm; ACCTG-111 & 113 Accounting I & II to BUS ADM 201 Intro to Financial Accounting.

- \*\*Granted equivalency after completion of a tuition-free bridge course offered by Lubar.
- Obtain a cumulative GPA of 2.5 or above in ALL coursework, including transfer coursework

- If a student does not meet the requirements listed above at the time of transfer, they can still be admitted as a business student; however, they will need to meet all requirements prior to enrolling in upper-division business courses.

### **Articulation Transfer Agreement Terms:**

The terms of this agreement apply to MATC students who successfully complete the AAS in Business Management, meet the conditions set forth herein for UWM's Lubar School of Business, and enroll in a BBA program.

The Business Management AAS will transfer to UWM's BBA majors in accordance with the following:

- The MATC AAS Business Management degree must be posted on an official transcript in order for this agreement to be applied.
  - Students actively enrolled in the AAS degree and expecting to complete it prior to enrollment may be admitted under the general terms of this agreement, pending receipt of a final, degree-bearing transcript.
  - Without associate degree completion, course-by-course transfer rules will be referenced, and some equivalencies identified in this agreement may no longer apply.
- A minimum of 60 credits earned toward the AAS degree will transfer as stipulated in Appendix A.
- Course equivalencies specified in this articulation agreement are subject to change in the event that either curriculum for the AAS degree or BBA programs undergo revision.

All credits applied to associate degree requirements, including credits accepted in transfer or awarded through prior learning assessment, will be recognized by UWM and transfer as applied by the associate degree-awarding institution.

Program-to-program transfer courses/credits are accepted only for the UWM program/degree specified in this agreement. A change of major/degree/program may invalidate these courses/credits for transfer unless they are approved within some other transfer agreement for a different major/degree/program at UWM.

Coursework taken in addition to what is required for the associate degree will be evaluated on a course-by-course basis and transferred in accordance with routine UWM transfer policy. A maximum of 72 credits can be transferred from MATC to UWM. Information on the transferability of specific, non-articulating courses may be found in Transferology ([www.transferology.com](http://www.transferology.com)) or UWM's Transfer Equivalency Database (TED) ([ted.uwm.edu](http://ted.uwm.edu)). For UWM General Education Requirement (GER) transfer equivalencies, refer to Appendix B.

### **Graduation Requirements/Policies:**

In addition to meeting all General Education and major requirements, students must satisfy the following to receive a BBA degree in the Lubar School of Business at UWM:

- 2.25 overall GPA (UWM courses only)
  - 2.50 for Accounting BBA
- 2.25 overall GPA (UWM and all transfer coursework combined)
  - 2.50 for Accounting BBA
- 2.25 Business and Economics GPA (UWM courses only)
  - 2.50 for Accounting BBA
- 2.25 Business and Economics GPA (UWM and transfer course work)
  - 2.50 for Accounting BBA
- A minimum of 30 credits must be completed in residence at UWM.
- A minimum of 12 credits must be completed in residence at UWM in each Business Administration major.
- A minimum of 120 applicable credits are required for graduation for all majors. At least 50% of the business credit hours required for the business degree must be completed at UWM.
- Students must earn their last 30 credits at UWM. BBA degree and major requirements must be completed within 10 years of initial enrollment at UW-Milwaukee. Should students not complete the degree and major within the

10-year time frame, the students will switch to the most current degree and major requirements. A new 10-year time frame would then begin.

Transfer course/credit articulation tables showing how the AAS in Business Management from MATC transfers to UWM's BBA degrees appear in Appendix A. Some coursework may be combined to meet requirements within the BBA majors. Also, some courses that ordinarily do not transfer may do so under the terms of this agreement. Without associate degree completion, some coursework/equivalencies outlined in this agreement may not transfer as indicated.

**Institutional Commitment:**

This agreement is based on curricula in place for the 2020 academic year (see Appendix C). The terms of this agreement may be applied to degrees completed prior to 2021 upon individual review to ensure consistency in the curriculum. This agreement is valid for a period of five years. Both MATC and UWM agree to provide periodic updates in the instance that requirements for either of the programs change. At the end of the effective period, the terms of the agreement will be reviewed, updated as necessary, and continued if agreed upon by both parties.

In the instance either school wishes to end the agreement, 180-day advanced notice is required. Any students who have applied, been admitted, and/or have matriculated while the agreement was active will be allowed to continue under its original terms.

MATC and UWM will make the terms of this agreement public and may develop marketing materials for its promotion. Each institution will provide advising as appropriate to interested students regarding this agreement. The two institutions agree to provide information necessary to aid in the successful transfer of these students and their academic credits.

Both institutions reserve the right to review and approve marketing materials created for the promotion of this agreement and will adhere to stated standards for the use of their respective names and logos. Furthermore, each institution assumes responsibility for communicating and marketing this agreement to its student population. Links to this agreement may be provided and should be maintained regularly, with notification to the other institution.

**Approved by:**

The Board of Regents of the University of Wisconsin  
System on behalf of  
University of Wisconsin-Milwaukee

Milwaukee Area Technical College

**Signatures on file.**

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Johannes Britz, Ph.D., Date  
Provost/Vice Chancellor of Academic Affairs

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Mohammad Dakwar, Ed.D., Date  
Vice President of Learning

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Kaushal Chari, Ph.D., Date  
Dean, Lubar School of Business

---

Carl Meredith, M.S., M.D.V., Date  
Dean, Business & Management Pathway

Official notices regarding this agreement should be sent to:

University of Wisconsin-Milwaukee

Milwaukee Area Technical College

Chris Head  
Assistant Director of Transfer Services  
P.O. Box 729  
Milwaukee, WI 53201-0729  
head@uwm.edu  
414-229-2754

Jonathan Feld  
Director of Articulation & Transfer  
700 West State Street  
Milwaukee, WI 53233-1443  
feldj@matc.edu  
414-297-6179

A copy of this agreement will be uploaded to: <https://uwm.edu/registrar/students/articulation-agreements/>.

**Appendix A.1: Program-to-Program Transfer Table**

**Milwaukee Area Technical College (MATC)  
Business & Management Pathway  
AAS Business Management (10-102-3)  
to  
The Board of Regents of the University of Wisconsin System on behalf of  
University of Wisconsin-Milwaukee (UWM)  
Lubar School of Business  
BBA Accounting**

The following table outlines a possible transfer scenario, showing how the associate degree applies to the bachelor's degree and which requirements remain to complete at UWM. To maximize credit transfer, some substitutions may be identified, which may impact credit amounts. While every effort is made to maximize credit transfer, lack of alignment between degree programs and levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

<b>Degree Requirement</b>	<b>MATC Coursework</b>	<b>Cr</b>	<b>UWM Coursework</b>	<b>Cr</b>
<b>GER Requirements</b>	See Appendix B for MATC courses that fulfill GERs			
Oral and Written Comm-Part A	Met by 'C' or better in ENG-208 below	--	ENGLISH 102	
Oral and Written Comm-Part B	ENG-208 Technical Communications	3	ENGLISH 206	
Quantitative Literacy-Part A	MATH-200 Intermediate Algebra*	4	MATH 105	
Quantitative Literacy-Part B			See Business Foundation section	--
Foreign Language			Two years HS (or two semesters college)	--
Art (3 credits)			Various courses (see Appendix B)	3
Humanities (6 credits)			Various courses (see Appendix B)	3
			Various courses (see Appendix B)	3
Natural Science (6 credits)			Various courses (see Appendix B)	3
(including one lab)			Various courses (see Appendix B)	3
Social Science (6 credits)	PSYCH-199 Psych of Human Relations	3	PSYCH XS	
	SOCSCI-197 Contemporary Am Society	3	SOCIO 102	
Cultural Diversity			One approved course from above	--
<b>Business Foundation Courses</b>				
Principles of Microeconomics	ECON-201*	3	ECON 103	
Principles of Macroeconomics	ECON-202*	3	ECON 104	
Intro to Financial Accounting			BUS ADM 201	4
Intro to Infor Technology Mgt	BADM-106 plus UWM bridge course**	3	BUS ADM 230	
Quant Models for Bus/Calc Srvy	MATH-211*	4	MATH 208 or 211 (QLB)	
Public Speak/Bus & Prof Comm	SPEECH-201*	3	COMMUN 105 or 103	
<b>Business Core Courses</b>				
Managerial Accounting			BUS ADM 202	3
Stat Modeling in Bus Analytics	BADM-104 plus UWM bridge course**	3	BUS ADM 210	
Organizations	Met by AAS degree completion	3	BUS ADM 330	
Principles of Marketing	MKTG-102	3	BUS ADM 360	
Intro to Supply Chain Mgt	LOGMGT-146*	3	BUS ADM 370	
Business Law I	BADM-165	3	BUS ADM 391	
Intermediate Finance			BUS ADM 450	3
Management Analysis			BUS ADM 600	3
International Bus Req			Approved upper-division BUS ADM crs	3
<b>Accounting Major Requirements</b>				
Career Planning for Accounting			BUS ADM 303	1

Intermediate Accounting			BUS ADM 301	4
Advanced Financial Accounting			BUS ADM 402	3
Cost Management			BUS ADM 404	3
Income Tax Accounting I			BUS ADM 405	3
Income Tax Accounting II			BUS ADM 406	3
Accounting Information Systems			BUS ADM 408	3
Auditing: Procedures & Apps			BUS ADM 409	3
Accts' Ethical Responsibilities			BUS ADM 410	1
<b>Business Electives</b>				
Bus Adm Courses	Technical Studies courses	6		
	BADM-134 Business Org & Mgt	3	BUS ADM 100	
<b>General Electives</b>				
	ENG-201 English 1*	3	ENGLISH 101	
	Additional earned credit	4	Elective coursework as needed	5
<b>TOTAL CREDITS (120 min)</b>	*Recommended substitution/elective. **Credit contingent on student completing free Lubar Canvas module.	60		60

**Appendix A.2: Program-to-Program Transfer Table**

**Milwaukee Area Technical College (MATC)  
Business & Management Pathway  
AAS Business Management (10-102-3)  
to  
The Board of Regents of the University of Wisconsin System on behalf of  
University of Wisconsin-Milwaukee (UWM)  
Lubar School of Business  
BBA Finance**

The following table outlines a possible transfer scenario, showing how the associate degree applies to the bachelor's degree and which requirements remain to complete at UWM. To maximize credit transfer, some substitutions may be identified, which may impact credit amounts. While every effort is made to maximize credit transfer, lack of alignment between degree programs and levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

<b>Degree Requirement</b>	<b>MATC Coursework</b>	<b>Cr</b>	<b>UWM Coursework</b>	<b>Cr</b>
<b>GER Requirements</b>	See Appendix B for MATC courses that fulfill GERs			
Oral and Written Comm-Part A	Met by 'C' or better in ENG-208 below	--	ENGLISH 102	
Oral and Written Comm-Part B	ENG-208 Technical Communications	3	ENGLISH 206	
Quantitative Literacy-Part A	MATH-200 Intermediate Algebra*	4	MATH 105	
Quantitative Literacy-Part B			See Business Foundation section	--
Foreign Language			Two years HS (or two semesters college)	--
Art (3 credits)			Various courses (see Appendix B)	3
Humanities (6 credits)			Various courses (see Appendix B)	3
			Various courses (see Appendix B)	3
Natural Science (6 credits)			Various courses (see Appendix B)	3
(including one lab)			Various courses (see Appendix B)	3
Social Science (6 credits)	PSYCH-199 Psych of Human Relations	3		
	SOCSCI-197 Contemporary Am Society	3	SOCIOL 102	
Cultural Diversity			One approved course from above	--
<b>Business Foundation Courses</b>				
Principles of Microeconomics	ECON-201*	3	ECON 103	
Principles of Macroeconomics	ECON-202*	3	ECON 104	
Intro to Financial Accounting			BUS ADM 201	4
Intro to Infor Technology Mgt	BADM-106 plus UWM bridge course**	3	BUS ADM 230	
Quant Models for Bus/Calc Srvy	MATH-211*	4	MATH 208 or 211	
Public Speak/Bus & Prof Comm	SPEECH-201*	3	COMMUN 105 or 103	
<b>Business Core Courses</b>				
Managerial Accounting			BUS ADM 202	3
Stat Modeling in Bus Analytics	BADM-104 plus UWM bridge course**	3	BUS ADM 210	
Career & Professional Dvlp			BUS ADM 300	1
Organizations	Met by AAS degree completion	3	BUS ADM 330	
Principles of Finance			BUS ADM 350	3
Principles of Marketing	MKTG-102	3	BUS ADM 360	
Intro to Supply Chain Mgt	LOGMGT-146*	3	BUS ADM 370	
Business Law I	BADM-165	3	BUS ADM 391	
Management Analysis			BUS ADM 600	3
International Bus Req			Approved upper-division BUS ADM crs	3
<b>Finance Major Requirements</b>				

Intermediate Finance			BUS ADM 450	3
Investment Finance			BUS ADM 451	3
Financial Institutions			BUS ADM 455	3
Major Electives			Approved upper-division BUS ADM crs	12
<b>Business Electives</b>				
Bus Adm Courses	Technical Studies courses	9		
	BADM-134 Business Org & Mgt	3	BUS ADM 100	
<b>General Electives</b>				
	ENG-201 English 1*	3	ENGLISH 101	
	Additional earned credit	1	Elective coursework as needed	7
<b>TOTAL CREDITS (120 min)</b>	*Recommended substitution/elective. **Credit contingent on student completing free Lubar Canvas module.	60		60



**Appendix A.3: Program-to-Program Transfer Table**

**Milwaukee Area Technical College (MATC)  
Business & Management Pathway  
AAS Business Management (10-102-3)  
to  
The Board of Regents of the University of Wisconsin System on behalf of  
University of Wisconsin-Milwaukee (UWM)  
Lubar School of Business  
BBA General Business**

The following table outlines a possible transfer scenario, showing how the associate degree applies to the bachelor's degree and which requirements remain to complete at UWM. To maximize credit transfer, some substitutions may be identified, which may impact credit amounts. While every effort is made to maximize credit transfer, lack of alignment between degree programs and levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

<b>Degree Requirement</b>	<b>MATC Coursework</b>	<b>Cr</b>	<b>UWM Coursework</b>	<b>Cr</b>
<b>GER Requirements</b>	See Appendix B for MATC courses that fulfill GERs			
Oral and Written Comm-Part A	Met by 'C' or better in ENG-208 below	--	ENGLISH 102	
Oral and Written Comm-Part B	ENG-208 Technical Communications	3	ENGLISH 206	
Quantitative Literacy-Part A	MATH-200 Intermediate Algebra*	4	MATH 105	
Quantitative Literacy-Part B			See Business Foundation section	--
Foreign Language			Two years HS (or two semesters college)	--
Art (3 credits)			Various courses (see Appendix B)	3
Humanities (6 credits)			Various courses (see Appendix B)	3
			Various courses (see Appendix B)	3
Natural Science (6 credits)			Various courses (see Appendix B)	3
(including one lab)			Various courses (see Appendix B)	3
Social Science (6 credits)	PSYCH-199 Psych of Human Relations	3		
	SOCSOCI-197 Contemporary Am Society	3	SOCIOL 102	
Cultural Diversity			One approved course from above	--
<b>Business Foundation Courses</b>				
Principles of Microeconomics	ECON-201*	3	ECON 103	
Principles of Macroeconomics	ECON-202*	3	ECON 104	
Intro to Financial Accounting			BUS ADM 201	4
Intro to Infor Technology Mgt	BADM-106 plus UWM bridge course**	3	BUS ADM 230	
Quant Models for Bus/Calc Srvy	MATH-211*	4	MATH 208 or 211	
Public Speak/Bus & Prof Comm	SPEECH-201*	3	COMMUN 105 or 103	
<b>Business Core Courses</b>				
Stat Modeling in Bus Analytics	BADM-104 plus UWM bridge course**	3	BUS ADM 210	
Managerial Accounting			BUS ADM 202	3
Career & Professional Dvlp			BUS ADM 300	1
Organizations	Met by AAS degree completion	3	BUS ADM 330	
Principles of Finance			BUS ADM 350	3
Principles of Marketing	MKTG-102	3	BUS ADM 360	
Intro to Supply Chain Mgt	LOGMGT-146*	3	BUS ADM 370	
Business Law I	BADM-165	3	BUS ADM 391	
Management Analysis			BUS ADM 600	3
International Bus Req			Approved upper-division BUS ADM crs	3
<b>Gen Bus Major Requirements</b>				

Business Ethics, Social Responsibility, & Sustainability			BUS ADM 393	3
Leadership & Team Building			BUS ADM 446	3
Competency Areas: Min. of 2 courses from 2-3 areas			Select BUS ADM & other courses	18
<b>Business Electives</b>				
Bus Adm Courses	Technical Studies courses	6		
	BADM-134 Business Org & Mgt	3	BUS ADM 100	
<b>General Electives</b>				
	ENG-201 English 1*	3	ENGLISH 101	
	Additional earned credit	4	Elective coursework as needed	4
<b>TOTAL CREDITS (120)</b>	*Recommended substitution/elective. **Credit contingent on student completing free Lubar Canvas module.	60		60

**Appendix A.4: Program-to-Program Transfer Table**

**Milwaukee Area Technical College (MATC)**  
**Business & Management Pathway**  
**AAS Business Management (10-102-3)**  
 to  
**The Board of Regents of the University of Wisconsin System on behalf of**  
**University of Wisconsin-Milwaukee (UWM)**  
**Lubar School of Business**  
**BBA Human Resources Management**

The following table outlines a possible transfer scenario, showing how the associate degree applies to the bachelor's degree and which requirements remain to complete at UWM. To maximize credit transfer, some substitutions may be identified, which may impact credit amounts. While every effort is made to maximize credit transfer, lack of alignment between degree programs and levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

<b>Degree Requirement</b>	<b>MATC Coursework</b>	<b>Cr</b>	<b>UWM Coursework</b>	<b>Cr</b>
<b>GER Requirements</b>	See Appendix B for MATC courses that fulfill GERs			
Oral and Written Comm-Part A	Met by 'C' or better in ENG-208 below	--	ENGLISH 102	
Oral and Written Comm-Part B	ENG-208 Technical Communications	3	ENGLISH 206	
Quantitative Literacy-Part A	MATH-200 Intermediate Algebra*	4	MATH 105	
Quantitative Literacy-Part B			See Business Foundation section	--
Foreign Language			Two years HS (or two semesters college)	--
Art (3 credits)			Various courses (see Appendix B)	3
Humanities (6 credits)			Various courses (see Appendix B)	3
			Various courses (see Appendix B)	3
Natural Science (6 credits)			Various courses (see Appendix B)	3
(including one lab)			Various courses (see Appendix B)	3
Social Science (6 credits)	PSYCH-199 Psych of Human Relations	3		
	SOCSOCI-197 Contemporary Am Society	3	SOCIOL 102	
Cultural Diversity			One approved course from above	--
<b>Business Foundation Courses</b>				
Principles of Microeconomics	ECON-201*	3	ECON 103	
Principles of Macroeconomics	ECON-202*	3	ECON 104	
Intro to Financial Accounting			BUS ADM 201	4
Intro to Infor Technology Mgt	BADM-106 plus UWM bridge course**	3	BUS ADM 230	
Quant Models for Bus/Calc Srvy	MATH-211*	4	MATH 208 or 211	
Public Speak/Bus & Prof Comm	SPEECH-201*	3	COMMUN 105 or 103	
<b>Business Core Courses</b>				
Managerial Accounting			BUS ADM 202	3
Stat Modeling in Bus Analytics	BADM-104 plus UWM bridge course**	3	BUS ADM 210	
Career & Professional Dvlp			BUS ADM 300	1
Organizations	Met by AAS degree completion	3	BUS ADM 330	
Principles of Finance			BUS ADM 350	3
Principles of Marketing	MKTG-102	3	BUS ADM 360	
Intro to Supply Chain Mgt	LOGMGT-146*	3	BUS ADM 370	
Business Law I	BADM-165	3	BUS ADM 391	
Management Analysis			BUS ADM 600	3
International Bus Req			Approved upper-division BUS ADM crs	3
<b>HR Mgt Major Requirements</b>				

Human Resources Management			BUS ADM 444	3
HRM Core—4 courses			Select upper-division courses	12
HRM Electives—2 courses			Select BUS ADM & other courses	6
<b>Business Electives</b>				
Bus Adm Courses	Technical Studies courses	9		
	BADM-134 Business Org & Mgt	3		
<b>General Electives</b>				
	ENG-201 English 1*	3	ENGLISH 101	
	Additional earned credit	1	Elective coursework as needed	7
<b>TOTAL CREDITS (120 min)</b>	*Recommended substitution/elective. **Credit contingent on student completing free Lubar Canvas module.	60		60

**Appendix A.5: Program-to-Program Transfer Table**

**Milwaukee Area Technical College (MATC)**  
**Business & Management Pathway**  
**AAS Business Management (10-102-3)**  
 to  
**The Board of Regents of the University of Wisconsin System on behalf of**  
**University of Wisconsin-Milwaukee (UWM)**  
**Lubar School of Business**  
**BBA Information Technology Management**

The following table outlines a possible transfer scenario, showing how the associate degree applies to the bachelor's degree and which requirements remain to complete at UWM. To maximize credit transfer, some substitutions may be identified, which may impact credit amounts. While every effort is made to maximize credit transfer, lack of alignment between degree programs and levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

<b>Degree Requirement</b>	<b>MATC Coursework</b>	<b>Cr</b>	<b>UWM Coursework</b>	<b>Cr</b>
<b>GER Requirements</b>	See Appendix B for MATC courses that fulfill GERs			
Oral and Written Comm-Part A	Met by 'C' or better in ENG-208 below	--	ENGLISH 102	
Oral and Written Comm-Part B	ENG-208 Technical Communications	3	ENGLISH 206	
Quantitative Literacy-Part A	MATH-200 Intermediate Algebra*	4	MATH 105	
Quantitative Literacy-Part B			See Business Foundation section	--
Foreign Language			Two years HS (or two semesters college)	--
Art (3 credits)			Various courses (see Appendix B)	3
Humanities (6 credits)			Various courses (see Appendix B)	3
			Various courses (see Appendix B)	3
Natural Science (6 credits)			Various courses (see Appendix B)	3
(including one lab)			Various courses (see Appendix B)	3
Social Science (6 credits)	PSYCH-199 Psych of Human Relations	3		
	SOCSCI-197 Contemporary Am Society	3	SOCIOL 102	
Cultural Diversity			One approved course from above	--
<b>Business Foundation Courses</b>				
Principles of Microeconomics	ECON-201*	3	ECON 103	
Principles of Macroeconomics	ECON-202*	3	ECON 104	
Intro to Financial Accounting			BUS ADM 201	4
Intro to Infor Technology Mgt	BADM-106 plus UWM bridge course**	3	BUS ADM 230	
Quant Models for Bus/Calc Srvy	MATH-211*	4	MATH 208 or 211	
Public Speak/Bus & Prof Comm	SPEECH-201*	3	COMMUN 105 or 103	
<b>Business Core Courses</b>				
Managerial Accounting			BUS ADM 202	3
Stat Modeling in Bus Analytics	BADM-104 plus UWM bridge course**	3	BUS ADM 210	
Career & Professional Dvlp			BUS ADM 300	1
Organizations	Met by AAS degree completion	3	BUS ADM 330	
Principles of Finance			BUS ADM 350	3
Principles of Marketing	MKTG-102	3	BUS ADM 360	
Intro to Supply Chain Mgt	LOGMGT-146*	3	BUS ADM 370	
Business Law I	BADM-165	3	BUS ADM 391	
Management Analysis			BUS ADM 600	3
International Bus Req			Approved upper-division BUS ADM crs	3
<b>IT Mgt Major Requirements</b>				

Visual System Development			BUS ADM 335	3
Object-Oriented Systems Dvlp			BUS ADM 432	3
Data Base Mgt Systems			BUS ADM 434	3
Systems Analysis & Design			BUS ADM 436	3
Major Electives			Approved upper-division BUS ADM crs	12
<b>Business Electives</b>				
Bus Adm Courses	Technical Studies courses	6		
	BADM-134 Business Org & Mgt	3		
<b>General Electives</b>				
	ENG-201 English 1*	3	ENGLISH 101	
	Additional earned credit	4	Elective coursework as needed	4
<b>TOTAL CREDITS (120 min)</b>	*Recommended substitution/elective. **Credit contingent on student completing free Lubar Canvas module.	60		60

## Appendix A.6: Program-to-Program Transfer Table

**Milwaukee Area Technical College (MATC)**  
**Business & Management Pathway**  
**AAS Business Management (10-102-3)**  
**to**  
**The Board of Regents of the University of Wisconsin System on behalf of**  
**University of Wisconsin-Milwaukee (UWM)**  
**Lubar School of Business**  
**BBA Marketing**

The following table outlines a possible transfer scenario, showing how the associate degree applies to the bachelor's degree and which requirements remain to complete at UWM. To maximize credit transfer, some substitutions may be identified, which may impact credit amounts. While every effort is made to maximize credit transfer, lack of alignment between degree programs and levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

<b>Degree Requirement</b>	<b>MATC Coursework</b>	<b>Cr</b>	<b>UWM Coursework</b>	<b>Cr</b>
<b>GER Requirements</b>	See Appendix B for MATC courses that fulfill GERs			
Oral and Written Comm-Part A	Met by 'C' or better in ENG-208 below	--	ENGLISH 102	
Oral and Written Comm-Part B	ENG-208 Technical Communications	3	ENGLISH 206	
Quantitative Literacy-Part A	MATH-200 Intermediate Algebra*	4	MATH 105	
Quantitative Literacy-Part B			See Business Foundation section	--
Foreign Language			Two years HS (or two semesters college)	--
Art (3 credits)			Various courses (see Appendix B)	3
Humanities (6 credits)			Various courses (see Appendix B)	3
			Various courses (see Appendix B)	3
Natural Science (6 credits)			Various courses (see Appendix B)	3
(including one lab)			Various courses (see Appendix B)	3
Social Science (6 credits)	PSYCH-199 Psych of Human Relations	3		
	SOCSCI-197 Contemporary Am Society	3	SOCIOL 102	
Cultural Diversity			One approved course from above	--
<b>Business Foundation Courses</b>				
Principles of Microeconomics	ECON-201*	3	ECON 103	
Principles of Macroeconomics	ECON-202*	3	ECON 104	
Intro to Financial Accounting			BUS ADM 201	4
Intro to Infor Technology Mgt	BADM-106 plus UWM bridge course**	3	BUS ADM 230	
Quant Models for Bus/Calc Srvy	MATH-211*	4	MATH 208 or 211	
Public Speak/Bus & Prof Comm	SPEECH-201*	3	COMMUN 105 or 103	
<b>Business Core Courses</b>				
Managerial Accounting			BUS ADM 202	3
Stat Modeling in Bus Analytics	BADM-104 plus UWM bridge course**	3	BUS ADM 210	
Career & Professional Dvlp			BUS ADM 300	1
Organizations	Met by AAS degree completion	3	BUS ADM 330	
Principles of Finance			BUS ADM 350	3
Principles of Marketing	MKTG-102	3	BUS ADM 360	
Intro to Supply Chain Mgt	LOGMGT-146*	3	BUS ADM 370	
Business Law I	BADM-165	3	BUS ADM 391	
Management Analysis			BUS ADM 600	3
International Bus Req			Approved upper-division BUS ADM crs	3
<b>Marketing Major Requirements</b>				

Consumer Behavior			BUS ADM 461	3
Marketing Research			BUS ADM 462	3
Marketing Management			BUS ADM 463	3
Marketing Electives			Upper-division BUS ADM courses	12
<b>Business Electives</b>				
Bus Adm Courses	Technical Studies courses	9		
	BADM-134 Business Org & Mgt	3		
<b>General Electives</b>				
Free electives	ENG-201 English 1*	3	ENGLISH 101	
	Additional earned credit	1	Elective coursework as needed	7
<b>TOTAL CREDITS (120 min)</b>	*Recommended substitution/elective. **Credit contingent on student completing free Lubar Canvas module.	60		60



**Appendix A.7: Program-to-Program Transfer Table**

**Milwaukee Area Technical College (MATC)**  
**Business & Management Pathway**  
**AAS Business Management (10-102-3)**  
 to  
**The Board of Regents of the University of Wisconsin System on behalf of**  
**University of Wisconsin-Milwaukee (UWM)**  
**Lubar School of Business**  
**BBA Supply Chain & Operations Management**

The following table outlines a possible transfer scenario, showing how the associate degree applies to the bachelor's degree and which requirements remain to complete at UWM. To maximize credit transfer, some substitutions may be identified, which may impact credit amounts. While every effort is made to maximize credit transfer, lack of alignment between degree programs and levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

<b>Degree Requirement</b>	<b>MATC Coursework</b>	<b>Cr</b>	<b>UWM Coursework</b>	<b>Cr</b>
<b>GER Requirements</b>	See Appendix B for MATC courses that fulfill GERs			
Oral and Written Comm-Part A	Met by 'C' or better in ENG-208 below	--	ENGLISH 102	
Oral and Written Comm-Part B	ENG-208 Technical Communications	3	ENGLISH 206	
Quantitative Literacy-Part A	MATH-200 Intermediate Algebra*	4	MATH 105	
Quantitative Literacy-Part B			See Business Foundation section	--
Foreign Language			Two years HS (or two semesters college)	--
Art (3 credits)			Various courses (see Appendix B)	3
Humanities (6 credits)			Various courses (see Appendix B)	3
			Various courses (see Appendix B)	3
Natural Science (6 credits)			Various courses (see Appendix B)	3
(including one lab)			Various courses (see Appendix B)	3
Social Science (6 credits)	PSYCH-199 Psych of Human Relations	3		
	SOCSOCI-197 Contemporary Am Society	3	SOCIOL 102	
Cultural Diversity			One approved course from above	--
<b>Business Foundation Courses</b>				
Principles of Microeconomics	ECON-201*	3	ECON 103	
Principles of Macroeconomics	ECON-202*	3	ECON 104	
Intro to Financial Accounting			BUS ADM 201	4
Intro to Infor Technology Mgt	BADM-106 plus UWM bridge course**	3	BUS ADM 230	
Quant Models for Bus/Calc Srvy	MATH-211*	4	MATH 208 or 211	
Public Speak/Bus & Prof Comm	SPEECH-201*	3	COMMUN 105 or 103	
<b>Business Core Courses</b>				
Managerial Accounting			BUS ADM 202	3
Stat Modeling in Bus Analytics	BADM-104 plus UWM bridge course**	3	BUS ADM 210	
Career & Professional Dvlp			BUS ADM 300	1
Organizations	Met by AAS degree completion	3	BUS ADM 330	
Principles of Finance			BUS ADM 350	3
Principles of Marketing	MKTG-102	3	BUS ADM 360	
Intro to Supply Chain Mgt	LOGMGT-146*	3	BUS ADM 370	
Business Law I	BADM-165	3	BUS ADM 391	
Management Analysis			BUS ADM 600	3
International Bus Req			Approved upper-division BUS ADM crs	3
<b>Supply Chain/Ops Major Reqs</b>				

Operations Planning & Control			BUS ADM 475	3
Logistics & Transportation Mgt			BUS ADM 476	3
Purchasing & Supply Mgt			BUS ADM 477	3
Supply Chain Analytics			BUS ADM 478	3
Major Electives			Select upper-division courses	6
Enterprise Plan in Supply Chain			BUS ADM 576	3
<b>Business Electives</b>				
Bus Adm Courses	Technical Studies courses	9		
	BADM-134 Business Org & Mgt	3		
<b>General Electives</b>				
Free electives	ENG-201 English 1*	3	ENGLISH 101	
	Additional earned credit	1	Elective coursework as needed	7
<b>TOTAL CREDITS (120 min)</b>	*Recommended substitution/elective. **Allowed as equivalent in combination with Lubar bridge program.	60		60

**Appendix B: University General Education Requirements (GER)**

**Milwaukee Area Technical College (MATC)  
Business & Management Pathway  
AAS Business Management (10-102-3)**

to

**The Board of Regents of the University of Wisconsin System on behalf of  
University of Wisconsin-Milwaukee (UWM)  
Lubar School of Business**

**BBA Business Degrees (Accounting, Finance, General Business, Human Resources Management, Information Technology Management, Marketing, & Supply Chain & Operations Management)**

General Education Requirements (GER) are intended to give structure to each student’s education while providing the student the greatest possible freedom to design an individual academic program. These requirements include two major categories: **competency** and **distribution**.

**Competency** requirements are designed to assure proficiency in oral and written communication (OWC Parts A & B), quantitative literacy (QL Parts A & B), & foreign languages.

**Distribution** requirements are designed to provide students with a broad body of knowledge in the areas of the arts, humanities, natural sciences, and social sciences as a foundation for specialization.

The table below outlines the University of Wisconsin-Milwaukee’s GER requirements. Note that College of Letters and Science majors must complete GER coursework above and beyond what is listed here. Some programs/majors will require specific coursework for certain competency and distribution requirements. Consult with an advisor early in your academic career to ensure that you choose the best coursework for your intended program of study.

<b>GER Category</b>	<b>Min. Credits</b>	<b>Fulfilled by</b>
<b>Competency Requirements</b>		
OWC-A	0-3	1. C or higher in ENGLISH 102 or equivalent 2. An appropriate score on the English Placement Test
OWC-B	3	An approved advanced course with a significant written or oral communication component.
QL-A	0-3	1. C or higher on approved math coursework at UWM or in transfer 2. Score of 30 or higher on the Mathematics Placement Test
QL-B	3	An approved course as determined by the major. QL Part B courses make significant use of quantitative tools in the context of other course material.
Foreign Language	0-8	1. Successfully passing two consecutive years of high school-level instruction in a single foreign language, 2. Successfully passing two consecutive semesters of college-level instruction in a single foreign language, or 3. Demonstrating foreign language ability equivalent to two semesters of a single foreign language by earning a satisfactory score on an approved placement, proficiency, departmental, or other examination.
<b>Distribution Requirements</b>		
Arts	3	A course in history, philosophy, theory, or practice of the creative and interpretive arts.
Humanities	6	Two courses from an approved list.

Natural Sciences	6	At least two courses; one must include laboratory or field experience illustrating the generation and testing of data and the application of concepts and knowledge to the solution of problems.
Social Sciences	6	Two courses from an approved list.
Cultural Diversity	0-3	As part of the distribution requirements, one course must pertain to the study of the life experiences of African Americans, Latino/Hispanic Americans, American Indians, or Asian Americans.

### **MATC GER Transfer Courses**

The following list can be consulted to find MATC courses that meet UWM GER requirements. This list is not meant to be exhaustive. There may be additional MATC courses that are transferrable as GER equivalents. Please consult with an advisor; the Transfer Equivalency Database (TED) ([ted.uwm.edu](http://ted.uwm.edu)) offers a searchable database of GER transfer courses.

#### Competency—OWC-A:

ENG-202 English 2

#### Competency—OWC-B:

ENG-197 Technical Reporting

ENG-208 Technical Communications

#### Competency—QL-A:

MATH-200 Intermediate Algebra

MATH-201 College Algebra

MATH-206 Contemporary Applications of Math

MATH-230 College Algebra & Trig

MATH-275 Math Exploration for Elem Tchrs 1

#### Competency—QL-B:

BADM-104 Business Statistics

MATH-189 Introductory Statistics

MATH-198 Calculus

MATH-205 Finite Mathematics

MATH-211 Survey in Calculus & Analytic Geometry

MATH-231 Analytic Geometry & Calculus 1

MATH-260 Basic Statistics

MATH-276 Math Exploration for Elem Tchrs 2

#### Competency—Foreign Language:

*College coursework in a foreign language through the second semester.*

#### Distribution—Arts:

ART-201 Understanding Art

ENG-207 Creative Writing

MUSIC-205 Music Appreciation

SPEECH-212 Intro to Theater

#### Distribution—Humanities:

ENG-198 Speech

ENG-213 American Literature to 1865

ENG-214 American Literature since 1865

ENG-215 Contemporary Literature

ENG-217 World Literature in Translation

ENG-218 African-American Literature 1

ENG-219 African-American Literature 2

ENG-220 Native American Literature

ENG-221 Native American Women in Literature

ENG-222 Images of Women in Literature

ENG-223 Afr-Am Lit by/about Black Women

ENG-225 Holocaust Literature

ENG-235 Utopian & Science Fiction Lit  
ENG-240 Intro Modern Cinema  
HIST-201 Europe-Renaissance to Napoleon  
HIST-203 Western Civ to Napoleon  
HIST-204 Western Civ from Napoleon  
HIST-210 Women in American History  
HIST-214 African-American History 1  
HIST-215 African-American History 2  
HIST-228 World History to 1500

HIST-229 World History from 1500  
SOCSCI-149 Ethics for Professions  
SOCSCI-166 Intro to Ethics  
SOCSCI-200 Intro to Ethical Issues  
SOCSCI-250 Intro to Philosophy  
SPEECH-201 Elements of Speech  
SPEECH-204 Communication & Leadership  
SPEECH-206 Intercultural Communications  
SPEECH-211 Oral Interpretation

Distribution—Natural Sciences (+ indicates lab credit):

BIOSCI-177 Gen Anatomy & Physiology+  
BIOSCI-179 Adv Anatomy & Physiology+  
BIOSCI-189 Basic Anatomy  
BIOSCI-197 Microbiology+  
BIOSCI-201 Anatomy & Physiology 1+  
BIOSCI-202 Anatomy & Physiology 2+  
BIOSCI-220 Intro to Nutritional Science  
BIOSCI-230 Intro to Nutrition Lab+  
BIOSCI-236 Principles of Biology+  
BIOSCI-257 Biology for Majors 1+  
BIOSCI-258 Biology for Majors 2+  
CHEM-186 Intro to Biochemistry+  
CHEM-207 General Chemistry+  
CHEM-208 Survey of Biochemistry+  
CHEM-211 Chemistry 1+  
CHEM-212 Chemistry 2+  
GEOSCI-232 Earth Science

GEOSCI-233 Environmental Science  
GEOSCI-234 Earth Sciences Lab+  
GEOSCI-243 Weather Fundamentals  
GEOSCI-244 Weather Fundamentals Lab+  
GEOSCI-245 General Geology+  
GEOSCI-246 Climate Change Fundamentals  
HORT-159 Survey of Herbaceous Plants  
MATH-205 Finite Mathematics  
MATH-231 Analytic Geometry & Calculus 1  
PHYS-139 Survey of Physics  
PHYS-221 College Physics 1+  
PHYS-222 College Physics 2+  
PHYS-225 Introductory Astronomy  
PHYS-226 Observational Astronomy+  
PHYS-274 Calculus-Based Physics 1+  
PHYS-275 Calculus-Based Physics 2+

Distribution—Social Sciences:

BADM-134 Intro to Business  
ECON-195 Economics  
ECON-201 Prin of Microeconomics  
ECON-202 Prin of Macroeconomics  
ECON-215 Economics of Discrimination  
ECON-223 Ecological Economics  
ENG-196 Oral/Interpersonal Communication  
HIST-202 Europe-Napoleon to Present  
HIST-205 Contemporary World Affairs  
HIST-207 20<sup>th</sup> Century European History  
HIST-211 America through 1877  
HIST-212 America since 1877  
HIST-216 History American Minorities  
HIST-217 Contemporary Civil Rights  
HIST-218 Native American History/Culture  
HIST-219 Wisconsin Indians-Past-Present  
HIST-220 History of Capitalism & Labor  
HIST-231 Latin American History  
HIST-236 History of Vietnam War Years

POLICE-900 Intro to Criminal Justice  
PSYCH-159 Abnormal Psychology  
PSYCH-188 Developmental Psychology  
PSYCH-199 Psychology of Human Relations  
PSYCH-231 Introductory Psychology  
PSYCH-233 Social Psychology  
PSYCH-235 Psychology of Adjustment  
PSYCH-237 Child Psychology  
PSYCH-238 Life-Span Psychology  
SOCSCI-172 Intro Diversity Studies  
SOCSCI-197 Contemporary American Society  
SOCSCI-199 Psych of Human Relations  
SOCSCI-201 Prin of Microeconomics  
SOCSCI-202 Prin of Macroeconomics  
SOCSCI-203 Intro Sociology  
SOCSCI-204 Marriage & Family  
SOCSCI-206 Intro Cultural Anthropology  
SOCSCI-207 Intro Criminology  
SOCSCI-208 Global Cultures/Politics

SOCSCI-209 Sociology of Religion  
SOCSCI-210 Death & Dying  
SOCSCI-211 Intro to Women's Studies  
SOCSCI-214 Gender & Society  
SOCSCI-217 Valuing Diversity  
SOCSCI-221 American National Government

SOCSCI-222 American State/Local Government  
SOCSCI-236 Juvenile Delinquency  
SOCSCI-241 World Geography  
SOCSCI-242 African-American Social Thought  
SOCSCI-246 Human Sexuality  
SPEECH-203 Interpersonal Communication

Cultural Diversity:

ECON-215 Economics of Discrimination  
ENG-218 African-American Literature 1  
ENG-219 African-American Literature 2  
ENG-220 Native American Literature  
ENG-221 Native American Women in Literature  
ENG-223 Afr-Am Lit by/about Black Women

HIST-214 African-American History 1  
HIST-215 African-American History 2  
HIST-218 Native American History/Culture  
HIST-219 Wisconsin Indians-Past-Present  
SOCSCI-172 Intro Diversity Studies

## Appendix C: Sending Institution Curriculum & Transfer Information

### Milwaukee Area Technical College (MATC) Business & Management Pathway AAS Business Management (10-102-3)

to

### The Board of Regents of the University of Wisconsin System on behalf of University of Wisconsin-Milwaukee (UWM) Lubar School of Business

### BBA Business Degrees (Accounting, Finance, General Business, Human Resources Management, Information Technology Management, Marketing, & Supply Chain & Operations Management)

This articulation agreement is based on the following curriculum offered at MATC as presented in its 2020-21 academic catalog. Common transfer equivalencies are shown as well, indicating how individual courses will transfer from MATC to UWM without AAS degree completion.

<b>MATC Curriculum</b>	<b>Cr</b>	<b>Standard UWM Equivalencies</b>
BADM-106 MS Office for Business Applications	3	BUS ADM X (Business Administration elective)
BADM-110 Business Communications w/ Technology, ENG-208 Technical Communications, or ENG-202 English 2 ( <b>recommended</b> )	3	BUS ADM X ENGLISH 206 ENGLISH 102
BADM-134 Business Organization & Management	3	BUS ADM 100
ACCTG-110 Financial Accounting or ACCTG-111 Accounting I ( <b>recommended</b> )	3 (4)	BUS ADM X BUS ADM X
BADM-192 Risk Management & Insurance	3	BUS ADM X
MKTG-102 Marketing Principles	3	BUS ADM 360
BADM-104 Business Statistics	3	MTHSTAT 215
BADM-145 Small Business Management or LOGMGT-146 Operations Management ( <b>recommended</b> )	3	BUS ADM X BUS ADM 370
BADM-165 Legal Environment of Business	3	BUS ADM 391
BADM-120 Business Analysis	3	BUS ADM X
BADM-155 Management Principles	3	BUS ADM X
ENG-195 Written Communication or ENG-201 English 1 ( <b>recommended</b> )	3	ENGLISH 101
ENG-197 Technical Reporting or 200-level ENG or SPEECH	3	ENGLISH 206
ECON-195 Economics or ECON-202 Microeconomics ( <b>recommended</b> )	3	ECON 100 ECON 103
MATH-107 College Mathematics or 200-level MATH course (MATH-200 <b>recommended</b> )	0 (4)	MATH 95 (no transfer credit)
SOCSCI-197 Contemporary American Society or 200-level SOCSCI course	3	SOCIOL 102
MATH-123 Math with Business Applications or 200-level MATH course (MATH-211 <b>recommended</b> )	0 (4)	MATH 90 (no transfer credit)
PSYCH-199 Psychology of Human Relations or 200-level PSYCH course	3	PSYCH XS (Psychology elective/Social Science GER)
Electives	6	
<b>Total Credits</b>	<b>54</b>	