Articulation Agreement

Gateway Technical College (Gateway)
School of Manufacturing, Engineering, and Information Technology
AAS Advanced Manufacturing Technology (10-664-2)
AAS Architectural – Structural Engineering Technician (10-614-6)
AAS Civil Engineering Technology (10-607-4)
AAS Electrical Engineering Technology (10-662-1)
AAS Mechanical Design Technology (10-606-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Engineering & Applied Science
Bachelor of Science (BS) in Engineering

Effective Date: 08/01/2025 Next Review Date: 08/01/2030

☒New Agreement ☐Revised Agreement

Agreement Description and Rationale:
This agreement is entered into by Gateway Technical College (Gateway) and the University of Wisconsin-Milwaukee (UWM) to better facilitate the transfer of students who successfully completed an appropriate Associate of Applied Science to the Bachelor of Science in Engineering.

Gateway offers AAS degrees for students interested in careers in technology. The graduates from these programs are highly skilled and practicing their skills in industry. Many consider earning a bachelor's degree to further advance their abilities and career. The BS in Engineering is designed for those earning an AAS to continue their education and recognizes their previous education and experience in a technology field.

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.

Articulation Transfer Agreement Terms:
The terms of this agreement apply to Gateway students who successfully complete one of the AAS degrees listed above, meet the conditions set forth herein for UWM's College of Engineering & Applied Science, and enroll in the BS in Engineering. AAS degrees not listed here may also apply under the general terms of this agreement, subject to review of the technical coursework and approval by CEAS faculty.

The listed AAS degrees will transfer to UWM's BS in Engineering in accordance with the following:

- The Gateway AAS 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 Engineering BS program undergoes 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 Gateway to UWM. Information on the transferability of specific, non-articulating courses may be found in Transferology (www.transferology.com) or UWM's Transfer Equivalency Database (TED) (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 the BS in Engineering at UWM:

- Students must maintain an average GPA of at least 2.00 on all work attempted at UWM and all courses offered by the College of Engineering & Applied Science. Students majoring in Engineering must maintain an average GPA of at least 2.00 in all 300-level and above courses in Engineering.
- In order to provide maximum flexibility while preserving the institutional identity of the UWM degree, the College requires residence:
    - during the last 30 credits, or
    - during 45 of the last 60 credits, or
    - during any 90 credits of a student's undergraduate career.

Transfer course/credit articulation tables showing how the identified AAS degrees from Gateway transfer to UWM's BS in Engineering appear in Appendix A. Some coursework may be combined to meet requirements within the Engineering BS. 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 2024-25 academic year. The terms of this agreement may be applied to degrees completed prior to 2024 upon individual review to ensure consistency in the curriculum. This agreement is valid for a period of five years. Both Gateway and UWM agree to provide periodic updates in the instance that requirements for any 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 to UWM while the agreement was active will be allowed to continue under its original terms.

Gateway 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.

UWM and Gateway will provide academic advising to Gateway learners inquiring about UWM programs. Learners will be connected with a UWM advisor prior to transfer. UWM and Gateway will share materials, catalogs, and other information to facilitate their understanding of requirements and programs. Gateway will assist UWM in arranging recruitment events on its campuses.

Both parties agree that failure to maintain regional accreditation will be grounds for termination of the agreement. Failure to maintain accreditation required by the specific academic program(s) referenced in this agreement will be grounds for exclusion of that program from the agreement.

Gateway desires to track the use of articulation agreements by its students. If possible, UWM will send Gateway the total number of credits transferred from Gateway annually or other data that can be conveniently produced.

Approved by:

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

August 26, 2025

Andrew Daire, Ph.D., Date
Provost/Vice Chancellor of Academic Affairs

October 8, 2025

Brett Peters, Ph.D., Date
Dean, College of Engineering & Applied Science

Gateway Technical College

11/4/25

Matthew Janisin, Ed.D., Date
Executive Vice-President, Academic Affairs

November 4, 2025

Steven McNaughton, Date
Interim Dean, School of Manufacturing, Eng, & IT

Official notices regarding this agreement should be sent to:

University of Wisconsin-Milwaukee

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

Gateway Technical College

Jaime Spaciel
Director, Academic Excellence
3520 30th Avenue
Kenosha, WI 53144
spacielj@gtc.edu
262-564-3080

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

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

Gateway Technical College (Gateway)
School of Manufacturing, Engineering, and Information Technology
AAS Advanced Manufacturing Technology (10-664-2)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Engineering & Applied Science
BS Engineering

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

Degree Requirement	Gateway Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for additional courses			
Oral and Written Comm-Part A			ENGLISH 102	3
Oral and Written Comm-Part B			ENGLISH 310 (counts as Humanities)	--
Quantitative Literacy-Part A			Met by Math & Natural Sci Req	--
Quantitative Literacy-Part B			Met by Math & Natural Sci Req	--
Foreign Language			Two years HS (or 2 semesters college)	--
Art			Various courses (see Appendix B)	3
Humanities (6 credits)	801-198 Speech	3	COMMUN 103	
			ENGLISH 310	3
Natural Science (6 credits)			Met by Math & Natural Sci Req	--
(including one lab)			Met by Math & Natural Sci Req	--
Social Science (6 credits)	809-195 Economics	3	ECON 100	
	809-198 Intro to Psychology	3	PSYCH 101	
Cultural Diversity			May be met by GER course above	--
Math & Natural Science Req				
Calculus & Analytic Geometry I			MATH 231	4
Calculus &Analytic Geometry II			MATH 232	4
Data Visualization & Analytics			IND ENG 267	3
Probability and Statistics			IND ENG 367	3
Math Electives (4 credits)			MATH 115 (prereq for MATH 231) or COMPSCI 317, 318, ELECENG 234, MATH 205, 233, 234, 240, 305, 313, 315, 341, MTHST 216, 361, 362	4
Natural Science (12 credits, including one lab)			BIO SCI 150, 152, 202, 203, CHEM 102, 104, 105, PHYSICS 120, 121, 122, 123, 209, 210, 214, 215	12
Major Requirements				
Professional Seminar	Met by AAS degree completion	1	EAS 200	
Introduction to Engineering	Met by AAS degree completion	3	IND ENG 111	
Computer Aided Design	Met by AAS degree completion	3	IND ENG 112	
Project Management			IND ENG 285	3
Engineering Economics			IND ENG 360	3
Product Realization			MECHENG 405	3
Technical Electives (18 credits)	Met by AAS degree completion Met by AAS degree completion	9 3	CEAS Electives COMPSCI 202 Various CEAS Courses (see advising)	 6

300-lvl Tech Elec (12 credits)			CEAS Courses 300-level or above	12
General Electives				
Free Electives (30 credits)	Remaining AAS degree requirements	34		
	801-136 English Composition 1	3	ENGLISH 101	
			MATH 105 or satisfactory placement**	3
TOTAL CREDITS	*Recommended substitution. **Course credit only required if the student does not place directly into MATH 115.	65		69

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

Gateway Technical College (Gateway)
School of Manufacturing, Engineering, and Information Technology
AAS Architectural – Structural Engineering Technician (10-614-6)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Engineering & Applied Science
BS Engineering

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

Degree Requirement	Gateway Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for additional courses			
Oral and Written Comm-Part A	Met by 801-197 w/ C or better	--		
Oral and Written Comm-Part B	801-197 Technical Reporting	3	ENGLISH 206	
Quantitative Literacy-Part A			Met by Math & Natural Sci Req	--
Quantitative Literacy-Part B			Met by Math & Natural Sci Req	--
Foreign Language			Two years HS (or 2 semesters college)	--
Art			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)			Met by Math & Natural Sci Req	--
(including one lab)			Met by Math & Natural Sci Req	--
Social Science (6 credits)	809-195 Economics	3	ECON 100	
	809-198 Intro to Psychology	3	PSYCH 101	
Cultural Diversity			May be met by GER course above	--
Math & Natural Science Req				
Calculus & Analytic Geometry I			MATH 231	4
Calculus &Analytic Geometry II			MATH 232	4
Data Visualization & Analytics			IND ENG 267	3
Probability and Statistics			IND ENG 367	3
Math Electives (4 credits)			MATH 115 (prereq for MATH 231) or COMPSCI 317, 318, ELECENG 234, MATH 205, 233, 234, 240, 305, 313, 315, 341, MTHST 216, 361, 362	4
Natural Science (12 credits, including one lab)			BIO SCI 150, 152, 202, 203, CHEM 102, 104, 105, PHYSICS 120, 121, 122, 123, 209, 210, 214, 215	12
Major Requirements				
Professional Seminar	Met by AAS degree completion	1	EAS 200	
Introduction to Engineering	Met by AAS degree completion	3	IND ENG 111	
Computer Aided Design	Met by AAS degree completion	3	IND ENG 112	
Project Management			IND ENG 285	3
Engineering Economics			IND ENG 360	3
Product Realization			MECHENG 405	3
Technical Electives (18 credits)	Met by AAS degree completion	9	CEAS Electives Various CEAS Courses (see advising)	 9
300-lvl Tech Elec (12 credits)			CEAS Courses 300-level or above	12

General Electives				
Free Electives (30 credits)	Remaining AAS degree requirements	37		
	801-136 English Composition 1	3	ENGLISH 101	
			MATH 105 or satisfactory placement**	3
TOTAL CREDITS	*Recommended substitution. **Course credit only required if the student does not place directly into MATH 115.	65		72

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

Gateway Technical College (Gateway)
School of Manufacturing, Engineering, and Information Technology
AAS Civil Engineering Technology (10-607-4)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Engineering & Applied Science
BS Engineering

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

Degree Requirement	Gateway Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for additional courses			
Oral and Written Comm-Part A	Met by 801-197 w/ C or better	--		
Oral and Written Comm-Part B	801-197 Technical Reporting	3	ENGLISH 206	
Quantitative Literacy-Part A			Met by Math & Natural Sci Req	--
Quantitative Literacy-Part B			Met by Math & Natural Sci Req	--
Foreign Language			Two years HS (or 2 semesters college)	--
Art			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)			Met by Math & Natural Sci Req	--
(including one lab)			Met by Math & Natural Sci Req	--
Social Science (6 credits)	809-195 Economics	3	ECON 100	
	809-198 Intro to Psychology	3	PSYCH 101	
Cultural Diversity			May be met by GER course above	--
Math & Natural Science Req				
Calculus & Analytic Geometry I			MATH 231	4
Calculus &Analytic Geometry II			MATH 232	4
Data Visualization & Analytics			IND ENG 267	3
Probability and Statistics			IND ENG 367	3
Math Electives (4 credits)			MATH 115 (prereq for MATH 231) or COMPSCI 317, 318, ELECENG 234, MATH 205, 233, 234, 240, 305, 313, 315, 341, MTHST 216, 361, 362	4
Natural Science (12 credits, including one lab)			BIO SCI 150, 152, 202, 203, CHEM 102, 104, 105, PHYSICS 120, 121, 122, 123, 209, 210, 214, 215	12
Major Requirements				
Professional Seminar	Met by AAS degree completion	1	EAS 200	
Introduction to Engineering	Met by AAS degree completion	3	IND ENG 111	
Computer Aided Design	Met by AAS degree completion	3	IND ENG 112	
Project Management			IND ENG 285	3
Engineering Economics			IND ENG 360	3
Product Realization			MECHENG 405	3
Technical Electives (18 credits)	Met by AAS degree completion	9	CEAS Electives Various CEAS Courses (see advising)	9
300-lvl Tech Elec (12 credits)			CEAS Courses 300-level or above	12

General Electives				
Free Electives (30 credits)	Remaining AAS degree requirements	37		
	801-136 English Composition 1	3	ENGLISH 101	
			MATH 105 or satisfactory placement**	3
TOTAL CREDITS	*Recommended substitution. **Course credit only required if the student does not place directly into MATH 115.	65		72

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

Gateway Technical College (Gateway)
School of Manufacturing, Engineering, and Information Technology
AAS Electrical Engineering Technology (10-662-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Engineering & Applied Science
BS Engineering

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

Degree Requirement	Gateway Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for additional courses			
Oral and Written Comm-Part A	Met by 801-197 w/ C or better	--		
Oral and Written Comm-Part B	801-197 Technical Reporting	3	ENGLISH 206	
Quantitative Literacy-Part A	804-198 Calculus 1 (credits count below)	--	MATH 231	
Quantitative Literacy-Part B	804-181 Calculus 2 (credits count below)	--	MATH 232	
Foreign Language			Two years HS (or two semesters college)	--
Art			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)			Met by Math & Natural Sci Req	--
(including one lab)	806-154 Gen Phys (credits count below)	--	PHYSICS 120 & 121	
Social Science (6 credits)	809-196 Intro to Sociology	3	SOCIOL 101	
	809-198 Intro to Psychology	3	PSYCH 101	
Cultural Diversity			May be met by GER course above	--
Math & Natural Science Req				
Calculus & Analytic Geometry I	804-198 Calculus 1	4	MATH 231	
Calculus &Analytic Geometry II	804-181 Calculus 2	4	MATH 232	
Data Visualization & Analytics			IND ENG 267	3
Probability and Statistics			IND ENG 367	3
Math Electives (4 credits)	804-197 College Algebra & Trig with Apps	4	MATH 115 or COMPSCI 317, 318, ELECENG 234, MATH 205, 233, 234, 240, 305, 313, 315, 341, MTHST 216, 361, 362	
Natural Science (12 credits, including one lab)	806-154 General Physics	4	PHYSICS 120 & 121 BIO SCI 150, 152, 202, 203, CHEM 102, 104, 105, PHYSICS 122/123, 210/215	8
Major Requirements				
Professional Seminar	Met by AAS degree completion	1	EAS 200	
Introduction to Engineering	Met by AAS degree completion	3	IND ENG 111	
Computer Aided Design			IND ENG 112	3
Project Management			IND ENG 285	3
Engineering Economics			IND ENG 360	3
Product Realization			MECHENG 405	3
Technical Electives (18 credits)	Met by AAS degree completion Met by AAS degree completion	9 3	CEAS Electives COMPSCI 202 Various CEAS Courses (see advising)	 6

300-lvl Tech Elec (12 credits)			CEAS Courses 300-level or above	12
General Electives				
Free Electives (30 credits)	Remaining AAS degree requirements	20		
	801-136 English Composition 1	3	ENGLISH 101	
	804-115 College Math 1	5		
TOTAL CREDITS	*Recommended substitution.	69		53

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

Gateway Technical College (Gateway)
School of Manufacturing, Engineering, and Information Technology
AAS Mechanical Design Technology (10-606-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Engineering & Applied Science
BS Engineering

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

Degree Requirement	Gateway Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for additional courses			
Oral and Written Comm-Part A			ENGLISH 102	3
Oral and Written Comm-Part B			ENGLISH 310 (counts as Humanities)	--
Quantitative Literacy-Part A			Met by Math & Natural Sci Req	--
Quantitative Literacy-Part B			Met by Math & Natural Sci Req	--
Foreign Language			Two years HS (or 2 semesters college)	--
Art			Various courses (see Appendix B)	3
Humanities (6 credits)	801-198 Speech	3	COMMUN 103	
			ENGLISH 310	3
Natural Science (6 credits)			Met by Math & Natural Sci Req	--
(including one lab)	806-154 Gen Phys (credits count below)	--	PHYSICS 120 & 121	
Social Science (6 credits)	809-195 Economics	3	ECON 100	
	809-198 Intro to Psychology	3	PSYCH 101	
Cultural Diversity			May be met by GER course above	--
Math & Natural Science Req				
Calculus & Analytic Geometry I			MATH 231	4
Calculus &Analytic Geometry II			MATH 232	4
Data Visualization & Analytics			IND ENG 267	3
Probability and Statistics			IND ENG 367	3
Math Electives (4 credits)			MATH 115 (prereq for MATH 231) or COMPSCI 317, 318, ELECENG 234, MATH 205, 233, 234, 240, 305, 313, 315, 341, MTHST 216, 361, 362	4
Natural Science (12 credits, including one lab)	806-154 General Physics	4	PHYSICS 120 & 121 BIO SCI 150, 152, 202, 203, CHEM 102, 104, 105, PHYSICS 122/123, 210/215	8
Major Requirements				
Professional Seminar	Met by AAS degree completion	1	EAS 200	
Introduction to Engineering	Met by AAS degree completion	3	IND ENG 111	
Computer Aided Design	Met by AAS degree completion	3	IND ENG 112	
Project Management			IND ENG 285	3
Engineering Economics			IND ENG 360	3
Product Realization			MECHENG 405	3
Technical Electives (18 credits)	Met by AAS degree completion Met by AAS degree completion	9 4	CEAS Electives CIV ENG 203 Various CEAS Courses (see advising)	 5

300-lvl Tech Elec (12 credits)			CEAS Courses 300-level or above	12
General Electives				
Free Electives (30 credits)	Remaining AAS degree requirements	23		
	801-136 English Composition 1	3	ENGLISH 101	
	804-115 College Math 1	5		
			MATH 105 or satisfactory placement**	3
TOTAL CREDITS	*Recommended substitution. **Course credit only required if the student does not place directly into MATH 115.	64		64

Appendix B: University General Education Requirements (GER)

Gateway Technical College (Gateway)
School of Manufacturing, Engineering, and Information Technology
AAS Architectural – Structural Engineering Technician (10-614-6)
AAS Civil Engineering Technology (10-607-4)
AAS Electrical Engineering Technology (10-662-1)
AAS Mechanical Design Technology (10-606-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Engineering & Applied Science
BS Engineering

General Education Requirements (GER) 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.

GER Category	Min. Credits	Fulfilled by
Competency Requirements		
OWC-A	0-3	1. C or higher in ENGLISH 102 or equivalent 2. An appropriate placement score or recognized test credit
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. An appropriate placement score or recognized test credit
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	0-6	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.
Distribution Requirements		

Arts	3	A course in the history, philosophy, theory, or practice of the creative and interpretive arts.
Humanities	6	Two courses that address questions, issues, and concepts basic to the formation of character and the establishment of values in a human context. Common subject areas include art history, history, language and literature, philosophy, religious studies, and film and media studies.
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 dealing with the study of human behavior, human cultural and physical variation and evolution, and the organization, development, and consequences of human activity, both past and present.
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.

Gateway GER Transfer Courses
The following list can be consulted to find Gateway courses that meet UWM GER requirements. This list is not meant to be exhaustive. There may be additional Gateway courses that are transferrable as GER equivalents. Please consult with an advisor; both Transferology (www.transferology.com) and the Transfer Equivalency Database (TED) (ted.uwm.edu) offer searchable databases that indicate GER status.

Competency—OWC-A:

801-202 English Composition 2

Competency—OWC-B:

105-106 Business Communications
801-197 Technical Reporting

Competency—QL-A:

804-133 Math & Logic
804-135 Quantitative Reasoning
804-197 College Algebra & Trigonometry w/ Apps

Competency—QL-B:

804-189 Introductory Statistics
804-198 Calculus 1

Competency—Foreign Language:

College coursework in a foreign language through the second semester.
802-125 Spanish II
802-202 Spanish 2

Distribution—Arts:

801-177 Creative Writing
801-205 Creative Writing

Distribution—Humanities:

304-118 Art History
801-198 Speech
801-204 Introduction to Literature
801-212 Ethnic Literature
804-133 Math & Logic
809-166 Intro to Ethics

Distribution—Natural Sciences (+ indicates lab credit):

804-189 Intro Statistics
804-198 Calculus 1
806-105 Principles of Animal Biology+
806-112 Principles of Sustainability
806-114 General Biology+
806-127 Chemistry 1+
806-129 Chemistry 2+
806-134 General Chemistry+
806-154 General Physics 1+
806-172 Basic Nutritional Science
806-177 General Anatomy & Physiology+
806-179 Advanced Anatomy & Physiology+
806-184 Plant Biology+
806-186 Intro to Biochemistry+
806-189 Basic Anatomy
806-195 Anatomy & Physiology 1+
806-196 Anatomy & Physiology 2+
806-197 Microbiology+
806-201 Survey of Natural Science
806-203 Nutrition
806-209 College Chemistry 1+
806-212 College Chemistry 2+
806-237 Biology 1+
806-238 Biology 2+

Distribution—Social Sciences:

102-137 Intro to Business
504-900 Intro to Criminal Justice
520-101 Intro to Human Services
801-196 Oral/Interpersonal Communication
809-122 Intro to American Government
809-128 Marriage & Family
809-143 Microeconomics
809-144 Macroeconomics
809-159 Abnormal Psychology
809-172 Intro to Diversity Studies
809-188 Developmental Psychology
809-195 Economics
809-196 Intro to Sociology
809-197 Contemporary American Society
809-198 Intro to Psychology
809-199 Psych of Human Relations
809-201 Macroeconomics

Cultural Diversity:

801-212 Ethnic Literature
809-172 Intro to Diversity Studies