



Articulation Agreement

**Waukesha County Technical College (WCTC)
School of Health**

**AAS Dental Hygienist (10-508-1)
AAS Health Information Technology (10-530-1)
AAS Nursing-Associate Degree (10-543-1)
AAS Surgical Technology (10-512-1)**

to

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

College of Health Sciences

BS Biomedical Sciences: Health Science Completion

Effective Date: 11/01/2020

Next Review Date: 11/01/2025

New Agreement

Revised Agreement

Agreement Description and Rationale:

This interdisciplinary degree completion in Health Sciences is open to those holding an associate degree or 60 transferable credits of coursework. Health related professionals are able to complete their bachelor's degree in an online or competency-based format (UW Flexible Option).

This agreement applies the transfer policies developed for the Health Science Completion program to health-focused AAS degrees at WCTC to improve efficiency, ensure consistency, and raise the visibility of these transfer pathways. Other associate degrees may also be recognized under the broader policies for this program.

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:

- Completion of an associate degree or 60 transferable credits required for admission.

Articulation Transfer Agreement Terms:

The terms of this agreement apply to WCTC students who successfully complete AAS degrees in the School of Health awarded by WCTC, meet the conditions set forth herein for UWM's College of Health Sciences, and enroll in the Health Sciences Degree Completion (BS) program.

The AAS degrees listed will transfer to UWM's Health Sciences Degree Completion (BS) program in accordance with the following:

- A minimum of 60 and maximum of 72 credits will transfer as designated in Appendix A.
 - General education courses will transfer according to established course-to-course equivalencies.
 - Technical education courses will transfer as a block of at least 30 credits. Additional credits will be added as needed to reach full degree completion.
- In addition to the Health Sciences degrees specified above, the terms of this agreement may be extended to other AAS degrees at WCTC, including:
 - Fire Medic
 - Human Resources
 - Human Services Associate

- Master Aesthetician
- Paramedic Technician
- Quality Management
- Supply Chain Management

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 if earned at the 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 WCTC 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 Health Sciences Degree Completion BS at UWM:

- A minimum of 120 credits is required to complete the bachelor's degree, including all required courses. The final 30 credits must be completed at UWM.
- Students with outstanding GER requirements or planning to attend specific, professional graduate programs may need to complete additional credits than those required for the Health Sciences Degree Completion (BS) major.
- A cumulative UWM GPA of 2.500 must be maintained.

A transfer course/credit articulation table showing how the College of Health AAS degrees from WCTC transfer to UWM's Health Sciences Degree Completion BS appears in Appendix A. Some coursework may be combined to meet requirements within the Health Sciences Degree Completion 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 2020 academic year. The terms of this agreement may be applied to degrees completed prior to 2020 upon individual review to ensure consistency in the curriculum. This agreement is valid for a period of five years. Both WCTC 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, 90-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.

WCTC 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.

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

**Waukesha County Technical College (WCTC)
School of Health
AAS Dental Hygienist (10-508-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Health Sciences
BS Biomedical Sciences: Health Science Completion**

The following table outlines a typical transfer scenario, showing how the Dental Hygienist AAS degree may apply 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 course levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

Degree Requirement	WCTC Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for WCTC courses that fulfill GERs			
Oral and Written Comm-Part A			ENGLISH 102 or placement	3
Oral and Written Comm-Part B			ENGLISH 206	3
Quantitative Literacy-Part A			Approved math course or placement	3
Quantitative Literacy-Part B			KIN 270 or other approved course	3
Foreign Language			2 years HS (or 2 semesters college)	--
Art			Various courses (see Appendix B)	3
Humanities (6 credits)	801-198 Speech*	3	COMMUN 103	
	809-166 Intro to Ethics*	3	PHILOS 241	
Natural Science (6 credits)	806-186 Intro to Biochemistry	4	CHEM 103	
(including one lab)	806-197 Microbiology	4	BIO SCI 101	
Social Science (6 credits)	809-198 Intro to Psychology	3	PSYCH 101	
	809-172 Intro Diversity Studies	--	(See major)	
Cultural Diversity	809-172 Intro Diversity Studies	--	(See major)	
Major Requirements				
Healthcare Delivery in US			HS 102	3
Lead Healthcare Professionals			HCA 220	3
Intro Diagnostic Medicine			BMS 205	3
Client Diversity in Health Sci	809-172 Intro to Diversity Studies	3	BMS 245	
Intro Complementary & Integrative Health Approaches			BMS 260	3
Disability: Society & Person			THERREC 202	3
Adv Health Sciences				
Law HC Consumers/Profs			HS 311	3
Ethics/Values in Health/Fitness			KIN 400	3
Human Pathophys: Fund			BMS 301	1
Human Pathophys: Org Sys I			BMS 302	1
Human Pathophys: Org Sys II			BMS 303	1
Teamwork in Health Professions			BMS 433	3
Professional Dvlp in Health Sci			BMS 434	3
Inclusive/Disability Prgm Comm			THERREC 303	3
Electives				
	AAS Technical Studies course block	42		
	801-136 English Composition I	3	ENGLISH 101	

	806-177 Gen Anatomy & Physiology	4		
			Free elective credit	3
TOTAL CREDITS	*Recommended substitution.	69		51

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

Waukesha County Technical College (WCTC)
School of Health
AAS Health Information Technology (10-530-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Health Sciences
BS Biomedical Sciences: Health Science Completion

The following table outlines a typical transfer scenario, showing how the Health Information Technology AAS degree may apply 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 course levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

Degree Requirement	WCTC Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for WCTC courses that fulfill GERs			
Oral and Written Comm-Part A	Met w/ C or better in ENG-197 below	--		
Oral and Written Comm-Part B	801-197 Technical Reporting	3	ENGLISH 206	
Quantitative Literacy-Part A			Approved math course or placement	3
Quantitative Literacy-Part B	804-189 Statistics	3	MTHSTAT 215	
Foreign Language			2 years HS (or 2 semesters college)	--
Art			Various courses (see Appendix B)	3
Humanities (6 credits)	801-198 Speech*	3	COMMUN 103	
			Various courses (see Appendix B)	3
Natural Science (6 credits)			BMS 205 (see major)	--
(including one lab)	806-177 Gen Anatomy & Physiology*	4		
Social Science (6 credits)	809-198 Intro to Psychology*	3	PSYCH 101	
	809-172 Intro Diversity Studies	--	(See major)	
Cultural Diversity	809-172 Intro Diversity Studies	--	(See major)	
Major Requirements				
Healthcare Delivery in US			HS 102	3
Lead Healthcare Professionals			HCA 220	3
Intro Diagnostic Medicine			BMS 205	3
Client Diversity in Health Sci	809-172 Intro to Diversity Studies	3	BMS 245	
Intro Complementary & Integrative Health Approaches			BMS 260	3
Disability: Society & Person			THERREC 202	3
Adv Health Sciences				
Law HC Consumers/Profs			HS 311	3
Ethics/Values in Health/Fitness			KIN 400	3
Human Pathophys: Fund			BMS 301	1
Human Pathophys: Org Sys I			BMS 302	1
Human Pathophys: Org Sys II			BMS 303	1
Teamwork in Health Professions			BMS 433	3
Professional Dvlp in Health Sci			BMS 434	3
Inclusive/Disability Prgm Comm			THERREC 303	3
Electives				
	AAS Technical Studies course block	42		
	801-136 English Composition I	3	ENGLISH 101	

			Free elective credit	14
TOTAL CREDITS	*Recommended substitution.	64		56

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

Waukesha County Technical College (WCTC)
School of Health
AAS Nursing-Associate Degree (10-543-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Health Sciences
BS Biomedical Sciences: Health Science Completion

The following table outlines a typical transfer scenario, showing how the Nursing AAS degree may apply 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 course levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

Degree Requirement	WCTC Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for WCTC courses that fulfill GERs			
Oral and Written Comm-Part A			ENGLISH 102 or placement	3
Oral and Written Comm-Part B			ENGLISH 206, 207, or other course	3
Quantitative Literacy-Part A			Approved math course or placement	3
Quantitative Literacy-Part B			KIN 270 or other approved course	3
Foreign Language			2 years HS (or 2 semesters college)	--
Art			Various courses (see Appendix B)	3
Humanities (6 credits)	801-198 Speech*	3	COMMUN 103	
	809-166 Intro to Ethics*	3	PHILOS 241	
Natural Science (6 credits)	806-179 Adv Anatomy & Physiology	4	BIO SCI 203	
(including one lab)	806-197 Microbiology	4	BIO SCI 101	
Social Science (6 credits)	809-198 Intro to Psychology	3	PSYCH 101	
	809-188 Developmental Psychology	3	PSYCH 260	
Cultural Diversity			BMS 245 (see major)	--
Major Requirements				
Healthcare Delivery in US			HS 102	3
Lead Healthcare Professionals			HCA 220	3
Intro Diagnostic Medicine			BMS 205	3
Client Diversity in Health Sci			BMS 245	3
Intro Complementary & Integrative Health Approaches			BMS 260	3
Disability: Society & Person			THERREC 202	3
Adv Health Sciences				
Law HC Consumers/Profs			HS 311	3
Ethics/Values in Health/Fitness			KIN 400	3
Human Pathophys: Fund			BMS 301	1
Human Pathophys: Org Sys I			BMS 302	1
Human Pathophys: Org Sys II			BMS 303	1
Teamwork in Health Professions			BMS 433	3
Professional Dvlp in Health Sci			BMS 434	3
Inclusive/Disability Prgm Comm			THERREC 303	3
Electives				
	AAS Technical Studies course block	38		
	801-136 English Composition I	3	ENGLISH 101	

	806-177 Gen Anatomy & Physiology	4	BIO SCI 202	
			Free elective credit	4
TOTAL CREDITS	*Recommended substitution.	65		55

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

Waukesha County Technical College (WCTC)
School of Health
AAS Surgical Technology (10-512-1)
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Health Sciences
BS Biomedical Sciences: Health Science Completion

The following table outlines a typical transfer scenario, showing how the Surgical Technology AAS degree may apply 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 course levels may require students to exceed 120 credits to meet all graduation requirements. Transfer results will differ based on individual students' transcripts.

Degree Requirement	WCTC Coursework	Cr	UWM Coursework	Cr
GER Requirements	See Appendix B for WCTC courses that fulfill GERs			
Oral and Written Comm-Part A			ENGLISH 102 or placement	3
Oral and Written Comm-Part B			ENGLISH 206, 207, or other course	3
Quantitative Literacy-Part A			Approved math course or placement	3
Quantitative Literacy-Part B			KIN 270 or other approved course	3
Foreign Language			2 years HS (or 2 semesters college)	--
Art			Various courses (see Appendix B)	3
Humanities (6 credits)	801-198 Speech*	3	COMMUN 103	
	809-166 Intro to Ethics*	3	PHILOS 241	
Natural Science (6 credits)	806-179 Adv Anatomy & Physiology	4	BIO SCI 203	
(including one lab)	806-197 Microbiology	4	BIO SCI 101	
Social Science (6 credits)	809-199 Psychology of Human Relations	3		
			BMS 245 (see major)	--
Cultural Diversity			BMS 245 (see major)	--
Major Requirements				
Healthcare Delivery in US			HS 102	3
Lead Healthcare Professionals			HCA 220	3
Intro Diagnostic Medicine			BMS 205	3
Client Diversity in Health Sci			BMS 245	3
Intro Complementary & Integrative Health Approaches			BMS 260	3
Disability: Society & Person			THERREC 202	3
Adv Health Sciences				
Law HC Consumers/Profs			HS 311	3
Ethics/Values in Health/Fitness			KIN 400	3
Human Pathophys: Fund			BMS 301	1
Human Pathophys: Org Sys I			BMS 302	1
Human Pathophys: Org Sys II			BMS 303	1
Teamwork in Health Professions			BMS 433	3
Professional Dvlp in Health Sci			BMS 434	3
Inclusive/Disability Prgm Comm			THERREC 303	3
Electives				
AAS Technical Studies		41		
	801-136 English Composition I	3	ENGLISH 101	

	806-177 Gen Anatomy & Physiology	4	BIO SCI 202	
			Free elective credits	4
TOTAL CREDITS	*Recommended substitution.	65		55

Appendix B: University General Education Requirements (GER)

Waukesha County Technical College (WCTC)
School of Health
AAS Dental Hygienist
AAS Health information Technology
AAS Nursing-Associate Degree
AAS Surgical Technology
to
The Board of Regents of the University of Wisconsin System on behalf of
University of Wisconsin-Milwaukee (UWM)
College of Health Sciences
BS Biomedical Sciences: Health Science Completion

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 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 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	0-6	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 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.

WCTC School GER Transfer Courses

The following list can be consulted to find WCTC courses that meet UWM GER requirements. This list is not meant to be exhaustive. There may be additional WCTC 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:

N/A

Competency—OWC-B:

801-197 Technical Reporting

Competency—QL-A:

804-118 Intermediate Algebra w/ Apps
804-133 Math & Logic

804-195 College Algebra 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.

Distribution—Arts:

N/A

Distribution—Humanities:

801-198 Speech
809-166 Intro to Ethics

804-133 Math & Logic

Distribution—Natural Sciences (+ indicates lab credit):

806-114 General Biology+
806-139 Survey of Physics
806-143 College Physics 1+
806-144 College Physics 2+

806-177 General Anatomy & Physiology+
806-179 Advanced Anatomy & Physiology+
806-189 Basic Anatomy
806-197 Microbiology+

Distribution—Social Sciences:

801-196 Oral/Interpersonal Communication
809-143 Microeconomics
809-159 Abnormal Psychology
809-172 Intro 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 Psychology of Human Relations

Cultural Diversity:

809-172 Intro Diversity Studies