

**Academic Articulation Agreement**  
**between**  
**Butler Community College Butler, KS and**  
**Wichita State University Wichita, KS**  
**for the**  
**Bachelor of Sciences in Medical Laboratory Sciences (MLS)**  
**(AS Pre-Medical Laboratory Science to BS MLS)**

The purpose of the 2+2 Agreement is to provide Butler Community College's students with a four-year coordinated program where students will receive an **Associate of Science degree in Pre-Medical Laboratory Sciences** at Butler Community College (Butler CC) in the first two years and a Bachelor of Science in Medical Laboratory Sciences degree from Wichita State University (WSU) after two additional years. By this agreement, Butler CC and WSU express a shared commitment to increasing opportunities for student access to and success in higher education. This agreement will provide guidance for both parties in advising students.

This agreement is for Butler Community College students who have:

- Earned an Associate of Science (A.S.) degree according to the attached plan.
- Achieved a minimum cumulative GPA of 2.75 and a grade of C or higher in each prerequisite course.
- Completed all required MLS prerequisite courses, with the exceptions of MLS 311 and MLS 405, which must be successfully completed during the first semester at Wichita State University.
- Applied for admission to Wichita State University as a Health Science Pre-Medical Laboratory Sciences major.

Butler Community College students meeting the above requirements will:

- Enter Wichita State with junior status toward a baccalaureate degree.
- Submit an application to the professional MLS program early in their first semester at Wichita State.  
Admission to the professional program is not guaranteed.

This partnership reflects the following objectives, institutional expectations, and operational principles:

- All students must complete all major, institutional, and required degree requirements appropriate to the program curricula at the degree-granting institution to graduate.
- Both Butler Community College and Wichita State University Medical Laboratory Sciences program faculty and administrators will promote the program with qualified prospective students.

To ensure a successful transition and completion of the associate and bachelor's degrees from both institutions in this 2+2 agreement, students should refer to the required degree plans or stipulations of this agreement. Transfer students must complete a minimum of 45 credit hours of upper-division work to qualify for graduation from Wichita State University.

**Terms of Agreement:**

The agreement will begin with the 2025-2026 academic year.

**Modification of Agreement**

This agreement shall only be modified in writing with the same formality as the original agreement.

**Termination of Agreement**

Either party may terminate this agreement for any reason with a written notice from either party. The parties agree that termination shall require an advance notification of one year and agree that students enrolled in the program at the time of termination shall be permitted to complete the program as described herein. This agreement is a collaboration between Wichita State University and Butler CC. Any changes, corrections, or additions to this agreement shall be in writing and signed by all necessary parties between both academic institutions.

**ADDITIONAL GRADUATION REQUIREMENTS:**

WSU requires a minimum of 120 total hours to graduate. This includes any transferred hours from a regionally accredited school. The MLS program is 54 credit hours, but students will take at least 6 credit hours at Wichita State (MLS 311 & 405) prior to starting the program.

**CONDITIONS OF TRANSFER:**

Butler CC students who earn an associate degree in Pre-Medical Laboratory Sciences with a minimum 2.75 cumulative grade point average will be eligible to matriculate to the WSU academic program in place for that catalog year if the student completes all program prerequisites and admission requirements successfully. Refer to the Medical Laboratory Sciences website for admission requirements.

[https://www.wichita.edu/academics/health\\_professions/mls/bsmls/admission.php](https://www.wichita.edu/academics/health_professions/mls/bsmls/admission.php)

Butler CC transfer students will have access to financial aid, scholarships, and student services on a similar basis as any other student.

WSU will apply the same academic progress and graduation standards to Butler CC transfer students as applicable to any other student in the same catalog year.

Bachelor of Science in Medical Laboratory Sciences Pathway (2 + 2) Butler  
Community College & Wichita State University  
Courses taken at Butler Community College for completion of Associate of Science Degree

Butler CC Pre-Medical Laboratory Science AS		
Butler Community College		
Pre- Medical Laboratory Science -Butler CC Classes	Wichita State University Equivalency	CrHrs
<b>Fall Year 1 (Taken @ ButlerCC) 16 CrHrs</b>		
AH 201 Medical Terminology	MLS 203 Medical Terminology	3
MA 135 College Algebra	MATH 111 College Algebra	3
BI 215 Majors Biology 1	BIOL 210 General Biology I	5
CH 110 College Chemistry 1	CHEM 211 General Chemistry I	5
	<b>Fall 1st Year Semester Total Hours</b>	<b>16</b>
<b>Spring Year I (Taken @ Butler CC) 15 Cr Hrs.</b>		
Arts & Humanities (Choose from List)	Gen Ed	3
*BI 226 Anatomy and Physiology 1	*BIOL 223 Human Anatomy and Physiology	4
EG 101 English Composition 1	ENGL 101 College English I	3
CH 115 College Chemistry 2	CHEM 212 General Chemistry II	5
	<b>Spring 1st Year Semester Total Hours</b>	<b>15</b>
<b>Fall Year 2- (Taken @ Butler CC) 15 Cr Hrs.</b>		
EG 102 English Composition 2	ENGL 102 College English II	3
Social Sciences (Choose from List)	Gen Ed	3
*BI 227 Anatomy and Physiology 2	*BIOL 223 Human Anatomy and Physiology	4
CH 240 Organic Chemistry I	CHEM 531 Organic Chemistry I	5
	<b>Fall 2nd Year Semester Total Hours</b>	<b>15</b>
<b>Spring Year 2 (Taken @ Butler CC) 14 CrHrs</b>		
SP 100 Public Speaking	COMM 111 Public Speaking	3
BI 250 Microbiology	BIOL 220 Introduction to Microbiology	5
Arts & Humanities (Choose from List)	Gen Ed	3
PY 160 General Psychology	PSY 111 General Psychology	3
	<b>Spring 2nd Year Semester Total Hours</b>	<b>14</b>
* BI 226 + BI 227 = BIOL 223. BI 240 is also accepted.		

<b>WSU Bachelor of Science in Medical Laboratory Sciences (MLS)</b>			
<b>Taken at Wichita State University *(Prior to Program Entry)</b>			
<b>Spring</b>	<b>CrHrs</b>		<b>CrHrs</b>
MLS 311 Biochemistry	3		
MLS 405 Medical Immunology	3		
Open Electives (examples) MLS 430 Impact of Disease on Global Events	6		
<b>If Starting in the Fall Semester as JUNIOR (*Professional MLS program = 54 credits)</b>			
<b>Fall</b>	<b>CrHrs</b>	<b>Spring</b>	<b>CrHrs</b>
MLS 453 Clinical Chemistry	8	MLS 473 Immunohematology	8
MLS 463 Hematology	8	MLS 495 Clinical Microbiology	8
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>16</b>
<b>SENIOR</b>			
<b>Summer</b>	<b>CrHrs</b>	<b>FALL (Clinical)</b>	<b>CrHrs</b>
MLS 400 Clinical Lab Management	3	MLS 479 Applied Immunohematology	3
MLS 452 Principles of Urinalysis	2	MLS 488 Core Lab Practicum	8
MLS 494 Special Topics in Microbiology	3	MLS 498 Applied Clinical Microbiology	3
<b>Total Hours</b>	<b>8</b>	<b>Total Hours</b>	<b>14</b>
<b>Taken at Wichita State University</b>			
<b>Fall</b>	<b>CrHrs</b>		
MLS 311 Biochemistry	3		
MLS 405 Medical Immunology	3		
Open Electives (examples): MLS 430 Impact of Disease on Global Events	6		
<b>If Starting in the Spring Semester as a JUNIOR (Professional MLS program= 54 credits)</b>			
<b>SPRING</b>	<b>CrHrs</b>	<b>SUMMER</b>	<b>CrHrs</b>
MLS 473 Immunohematology	8	MLS 400 Clinical Lab Management	3
MLS 495 Clinical Microbiology	8	MLS 452 Principles of Urinalysis	2
		MLS 494 Special Topics in Microbiology	3
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>14</b>
<b>SENIOR</b>			
<b>FALL</b>	<b>CrHrs</b>	<b>SPRING (Clinical)</b>	<b>CrHrs</b>
MLS 453 Clinical Chemistry	8	MLS 479 Applied Immunohematology	3
MLS 463 Clinical Hematology	8	MLS 488 Core Lab Practicum	8
		MLS 498 Applied Clinical Microbiology	3
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>14</b>

## SIGNATURE PAGE

In signing this document, all parties agree to honor both the spirit and intent of this program-level articulation of an associate degree in Pre-Medical Laboratory Science from Butler Community College with a Bachelor of Science degree in Medical Laboratory Sciences from Wichita State University. Students who follow the curriculum and complete all the agreed-upon requirements will be able to graduate with degrees from both institutions in a timely manner.

This agreement is made and entered into the academic year 2025-2026 and remains in force unless a new articulation agreement is signed by all parties. The agreement is subject to annual review to ensure currency with the respective degree requirements and may be amended at any time, affecting students from the date of the amendment forward. Should either party desire to discontinue this agreement, advance notification of one year will be required, and students enrolled under the Agreement who remain continuously enrolled will be allowed to complete the program as articulated.

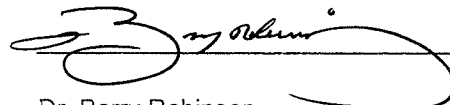
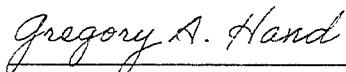
Wichita State University

Butler Community College



Dr. Monica Lounsbery  
Senior Executive Vice  
President and Provost of  
Academic Affairs  
Date: 9/17/25

Dr. Tamara Daniel  
President  
Butler Community College  
Date: 9.23.25



Dr. Gregory Hand,  
Ph.D. Dean, College of  
Health Professions,  
Date: 9/5/2025

Dr. Barry Robinson  
Vice President of Academic  
Butler Community College  
Date:



Aisha Waite, MHCL, MLS (ASCP)cm  
MLS Department Chair/ Assistant Teaching Professor  
Date: 09/05/2025