

PROGRAM TO PROGRAM ARTICULATION AGREEMENT
University of Wisconsin-Milwaukee
College of Health Sciences

and
Milwaukee Area Technical College

MATC Associate Degree: A.A.S. Medical/Clinical Laboratory Technician
UWM Baccalaureate Degree: B.S. Clinical Laboratory Sciences

Purpose: Milwaukee Area Technical College two year program prepares learners to act as entry level Medical/Clinical Laboratory Technicians. The Medical/Clinical Laboratory Technician is a member of the health care team who provides clinical information for disease prevention, medical diagnosis, and treatment of the patient by processing specimens and performing laboratory tests. Medical/Clinical Laboratory Technicians may also have responsibilities for information processing, training, and quality control monitoring. They perform tests manually or with automated equipment or both. Graduates are qualified to take the Board of Registry examination from the American Society of Clinical Pathologists (ASCP) as well as the credentialing examination of the National Credentialing Agency for Laboratory Personnel (NCA). Most Clinical Laboratory Technicians work in hospital or clinic labs. Some Clinical Laboratory Technicians may choose to work for veterinary laboratories, industrial labs, insurance companies, research facilities, environmental labs or public health.

The University of Wisconsin-Milwaukee baccalaureate degree program in the Clinical Laboratory Sciences prepares a generalist skilled in the essence of Medical Technology – to aid the physician in the diagnosis, monitoring, and treatment of diseases. The graduate is prepared to perform laboratory testing and evaluate quality control, as well as, to develop laboratory procedures, provide clinical instruction, and conduct research with a solid base for advance study. UWM’s Program prepares students to write a national certification examination and become a registered Medical Technologist (MT) or Clinical Laboratory Scientist (CLS).

This articulation agreement affords those students having earned an Associate Degree in Medical/Clinical Laboratory Technician at MATC the opportunity to enter the UWM Clinical Laboratory Sciences Program with the credits specified below:

Program to Program Transfer Coursework:

College Parallel Courses:

Consult current UWM/MATC equivalency table.

General Education Courses

Maximum number of transferable credits is 15 plus math and/or science.

MATC Courses	UWM Equivalent Courses
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Technical Support Courses:	
806-177 Anatomy and Physiology (4)	Biological Sciences 202 (4) (GER-NS+)
806-197 Intro to Microbiology (4)	Biological Sciences elective (4) (GER-NS+)
806-186 Intro to Biochemistry (3)	Chemistry elective (3)
Clinical Laboratory Science Courses:	
513-110 Basic Lab Skills (1) 513-111 Phlebotomy (2) 513-114 Urinalysis (2) 513-113 QA/Lab Math (1)	CLS 101 Intro to CLS (2) CLS 205 Intro to Diagnostic Medicine (3) CLS 541 Urinalysis (1)
513-133 Clinical Microbiology (4) 513-140 Advanced Topics in Microbiology (2)	CLS 535 Medical Microbiology Lab (1) CLS 536 Applied Clinical Microbiology (3)
513-122 Intro to Blood Bank (2) 513-123 Advanced Blood Bank (2)	CLS 529 Intro to Immunohematology (3) CLS 530 Blood Bank Lab (1)
513-120 Basic Hematology (3) 513-121 Coagulation (1) 513-130 Advanced Hematology (2)	CLS 420 Clinical Hematology (3) CLS 421 Clinical Hematology Lab (1)
513-141 Clinical Experience 1 (3) 513-142 Clinical Experience 2 (4)	CLS 548 Clinical Lab Practicum (5)
513-131 Intro Clinical Chemistry Diagnostics (3) 513-132 Advanced Clinical Chemistry Diagnostics (2)	CLS 432 Clinical Chemistry Lab (1)
513-115 Basic Immunology Concepts (2)	CLS 428 Clinical Immunology Lab (1)

A total of 17credits may be granted through examination for the UWM Courses listed below:

- CLS 427 Clinical Immunology (3)
- CLS 431 Clinical Chemistry (3)
- CLS 521 Applied Clinical Hematology (3)
- CLS 522 Hemostasis (1)
- CLS 534 Medical Microbiology (2)
- CLS 537 Medical Parasitology and Mycology (2)
- CLS 542 Applied Clinical Chemistry (3)

MAXIMUM TRANSFERABLE CREDITS: Maximum transferable credits are 72.
College Parallel Courses: Total credits including college parallel courses may not exceed 72 credits.
General Education Courses: 15 credits +
Technical Support Courses: 11 credits
Clinical Laboratory Science Courses: 36credits

REMAINING REQUIREMENTS:

To obtain the Bachelor of Science in Clinical Laboratory Sciences students will be required to take the following coursework:

General Chemistry: CHEM 102 (5)
General Chemistry & Qualitative Analysis: CHEM 104 (5)
Introduction to Microcomputers: HCA 224 (3)
Genetics: BIO SCI 325 (3)
Human Pathophysiology: CLSci 301-305 (5)
Organic Chemistry Lecture: CHEM 341 (3)
Organic Chemistry Lab: CHEM 342 (2)
Quantitative Analysis: CHEM 221 (4)
Statistics in Health: HMS 270 (3)
Biochemistry: CHEM 501 (5)
Clinical Immunology: CLSci 427 (3)*
Clinical Chemistry: CLSci 431(3)*
Medical Microbiology: CLSci 534 (2)*
Molecular Diagnostics: CLSci 560 (2)
Molecular Diagnostics Lab: CLSci 561 (1)
Applied Clinical Hematology: CLSci 521 (3)*
Hemostasis: CLSci 522 (1)*
Medical Parasitology & Mycology: CLSci 537 (2)*
Applied Clinical Chemistry: CLSci 542 (2)*
Lectures in Advanced Hematology: CLSci 523 (1)
Clinical Lab Diagnosis: CLSci 547 (5)
Toxicology & TDM: CLSci 555 (1)
Advanced Clinical Hematology Practicum: CLSci 524 (3)
Advanced Lectures in CLS: CLSci 531 (1)
Advanced Clinical Immunohematology: CLSci 532 (3)
Advanced Clinical Microbiology Practicum: CLSci 538 (3)
Advanced Clinical Chemistry Practicum: CLSci 544 (3)
Professional Development in CLS: CLSci 549 (3)
Electives to satisfy UW-Milwaukee General Education Requirements (GER)

Note: GER requirements will be depend on course transfers and be reviewed on an individual basis.

* Credit may be granted through examination for these courses.

NOTES AND CONDITIONS:

1. The UWM course requirement Biological Sciences 383-General Microbiology will be waived and Biological Sciences 202 will satisfy UWM's anatomy and physiology requirement.
2. Clinical Laboratory Science credits will be granted only for courses at MATC in which the student has earned a grade of C or better.
3. The maximum number of transferable credits is 72, excluding credits gained through examination.

4. The UW-Milwaukee baccalaureate candidate must also meet UWM's General Education and Cultural Diversity Requirements
5. This agreement applies only to students who have passed the ASCP or NCA National Certification Examination with the designation of Medical Laboratory Technician (MLT) or Clinical Laboratory Technician (CLT).
6. Program to Program transfer courses/credits are accepted only for the degree specified in this agreement. A change of major invalidates these course/credits unless they are approved within some other Program to Program Articulation Agreement for a different major at UW-Milwaukee.
7. Course equivalencies specified in this articulation agreement are subject to change in the event that the course curricula of either institution undergo revision.
8. Milwaukee Area Technical College students must have earned an Associate Degree in Medical/Clinical Laboratory Technician within five (5) years of acceptance at UW-Milwaukee. This agreement may not apply to students who have completed college work prior to enrolling at MATC.

Effective Date: January 1, 2005.

Signatures:

MATC

UWM

President

Chancellor

Dean

Dean

Department Chair

Department Chair

Date _____