MEDICAL LABORATORY EDUCATION DIRECTORY

Online
MLT to MLS programs

Revised August 2019
Table of Contents

**Online MLT to MLS Programs**

Introduction 2

Armstrong Atlantic State University 3

**Arkansas State University-Jonesboro** 4

Auburn University - Montgomery 5

Augusta University 6

Howard University 7

Illinois State University 9

Northern Illinois University 10

Northern Michigan University 11

Northeastern State University 13

**Old Dominion University** 14

South Dakota State University 16

Thomas University 17

University of Arkansas for Medical Sciences 18

University of Cincinnati 19

University of Kentucky 20

University of Louisiana at Monroe 21

University of Nebraska Medical Center 22

University of New Mexico 23

University of North Dakota 24

University of Tennessee Health Science Center (UTHSC) 25

University of Texas Medical Branch 26

Virginia Commonwealth University 27

Weber State University 28

Winston-Salem State University 29

**Youngstown State University** 30
Introduction

Currently the *Medical Laboratory Education Online Directory* lists online programs that fall under one of four categories:

- Medical Laboratory Technician (MLT)
- Medical Laboratory Science (MLS)
- MLT to MLS articulation programs
- Graduate programs in Clinical Laboratory Science

It is possible that this is not a “comprehensive” listing of online programs, therefore please contact the Education Scientific Assembly (ESA) chair to have your program added. This Online Directory will be amended as new information becomes available. Contact information for the ESA chair can be found at the following ASCLS web address [http://www.ascls.org/ascls-leadership/scientific-assemblies](http://www.ascls.org/ascls-leadership/scientific-assemblies).

To efficiently utilize this directory simply double click or “Ctrl+click” on the program listed in the table of contents.
Type of degree program: Medical Laboratory Science

Institution: University

Online delivery options: BS Degree Fast Track
MLT to MLS Career Ladder Program

“On-campus” (face to face) time required for online courses: All CLS classes offered online. Students do not have to come to campus for any classes. Clinical laboratory rotations will be held at clinical affiliates

Total Length of program: 4 semesters (16 Mos.) after program prerequisites have been met.

Contact person: Dr. Keith Belcher
Program Coordinator
Phone: 912-344-2975
Email: keith.belcher@armstrong.edu

Mailing Address: Armstrong Atlantic State University
Medical Laboratory Science Dept.
11935 Abercorn Street
Savannah, GA 31419

Program Web address: https://www.armstrong.edu/degree-programs/mlt-to-mls-degree-completion-online

Enrollment Process: Complete enrollment requirements, and information on core requirements are found at: https://www.armstrong.edu/degree-programs/mlt-to-mls-degree-completion-online
Apply on-line at https://www.armstrong.edu/degree-programs/mlt-to-mls-degree-completion-online

Retraining or refresher course options: Yes. Can be used as
refresher/retraining. Many have used classes to take registry exams and/or for promotions.

Arkansas State University-Jonesboro

Type of degree program: MLT → MT “Bridge” Program

Institution: University

Online delivery options: Almost all CLS courses for the “Bridge” Program are online; Additional non-CLS courses needed as pre-requisites or general education requirements may not be online, but can be taken at an accredited institution closer to the student’s home.

“On-campus” (face to face) time required for online courses: Campus visits to do WBC differentials in CLS 3221- Hematology II Lab

Total Length of program: Average number of semesters to complete the “Bridge” Program is 4 (approximately 2 years). Dependent upon how many credits a student can take per semester, number of hours per week the student is working, how many pre-requisite and general education courses are already completed, etc.

Contact person: Dr. Stacy Walz, PhD, MS, MT(ASCP)
Department Chair, Clinical Laboratory Sciences
Assistant Dean, College of Nursing & Health Professions
swalz@astate.edu
(870) 680-8596 phone
(870) 972-2004 fax

Mailing Address: P.O. Box 910
State University, AR 72467

Program Web address:
http://www.astate.edu/college/conhp/departments/clinical-laboratory-sciences/index.dot

Enrollment Process: Applications accepted by April 15 each year for consideration for the next academic year; application can be downloaded from the website.

Retraining or refresher course options: None
Type of degree program: MLT to MLS

Institution: University

Online delivery options: ALL MLT / MLS classes offered online.

“On-campus” (face to face) time required for online courses: No “on-campus” time required.

Total Length of program: A two-year and a three-year option available once students have met program admission requirements.

Contact person: Kyle Taylor, PhD, MLS(ASCP)CM
Department Head, Medical & Clinical Laboratory Sciences
Phone: 334-244-3606
Fax: 334-244-3146
Email: jtaylor@aum.edu

Mailing Address: Auburn University Montgomery
Clinical Laboratory Sciences
Attn: Kyle Taylor
P.O. Box 244023
Montgomery, AL 36124

Program Web address: http://conhs.aum.edu/academic-programs/online-programs/mls-online

Enrollment Process:
1. Students must satisfy pre-professional requirements that include:
   a. core requirements necessary to earn a degree from AUM
   b. required science courses in biology, chemistry, and math

2. Students must have a clinical facility that will agree to provide the necessary clinical experience required by the program.

Retraining or refresher course options: This option may be available. Those
interested should contact the director.

Augusta University

Type of degree program: MLT to MLS

Institution: University

Online delivery options: ALL MLT / MLS classes offered online

“On-campus” (face to face) time required for online courses: All CLS classes offered online. Students do not have to come to Augusta campus for any classes. Selected laboratories will be at satellite campuses or Clinical Affiliates, and internships will be at the Clinical Affiliates. Please call for further clarification.

Total Length of program: 4 semesters

Contact person: Jane Bane
Program Coordinator
Phone: 706-721-4176
Email: CLSProgram@augusta.edu

Mailing Address: College of Allied Health
Medical Laboratory, Imaging, and Radiologic Sciences
Health Sciences Campus, EC-3423
987 St. Sebastian Way
Augusta, GA 30912

Program Web address: http://www.gru.edu/alliedhealth/mlirs/cls/index.php

Enrollment Process: Complete core requirements, information on core requirements are found at: http://catalog.gru.edu//preview_program.php?catoid=17&poid=1187&returnto=2233

Application also on-line at: http://www.gru.edu/admissions/hs-programs/cls-mlt-or-clt.php

Retraining or refresher course options: None
Type of degree program: MLT to MLS

Institution: Howard University

Online delivery options: All CLS classes offered online

“On-campus” (face to face) time required for online courses: Applicants are required to attend a two-day orientation session at the beginning of each semester that they are enrolled in the program.

Students who have completed all didactic courses and have a minimum GPA of 2.5 can submit documentation of training and work experiences for evaluation. Based on the faculty’s assessment of the student’s clinical experiences, a rotation may be required in some or all areas. Students will be required to identify potential CLIA/JCAHO approved clinical sites willing to sign an affiliation agreement with Howard University to provide the required clinical experience. If an acceptable site is not available, the student must complete the rotation at a Howard University clinical affiliate in the Washington, DC Metropolitan Area.

Total Length of program: Full-time students can expect to complete the program in two years. Students may also enroll part-time.

Contact person: Marguerite E. Neita, PhD, MT(ASCP)
Chair & Program Director
Phone: 202-806-5632
Fax: 202-462-9569
Email: mneita@howard.edu

Mailing Address: Howard University
College of Nursing and Allied Health Sciences
Division of Allied Health Sciences
Department of Clinical Laboratory Science
516 Bryant St, NW
Washington, DC 20059

**Enrollment Process:**
Candidates must complete a Howard University application (available at [http://www2.howard.edu](http://www2.howard.edu)). Application deadlines are posted on the Howard University website.

**Retraining or refresher course options:** The Department of Clinical Laboratory Science at Howard University also offers Categorical Certificate Programs in all disciplines of clinical laboratory science.
Type of degree program: MLT to MLS

Institution: University

Online delivery options: All MLS courses are delivered online. Other courses needed as prerequisites or general education requirements may not be online, but can be transferred from an accredited institution of the student’s choice.

“On-campus” (face to face) time required for online courses: No face to face time is required for the online courses. Students must attend professional practice hours at a hospital affiliated with the program.

Total Length of program: Fulltime students can complete the program in 1 year. Part-time students typically complete in 2 years provided all prerequisites and general education courses have been completed.

Contact person: Meridee Van Draska, MS, MLS(ASCP)CM
Associate Professor/MLS Program Director
Email: mrust@ilstu.edu
Phone: 309-438-8269
Fax: 309-438-2450

Mailing Address: Illinois State University
Medical Laboratory Science Program
5220 Health Sciences
Normal, IL 61790-5220

Program Web address: https://healthsciences.illinoisstate.edu/lab-science/

Enrollment Process: Apply online at: https://illinoisstate.edu/admissions/

Retraining or refresher course options: None, students must hold an MLT certification and that certification must be current.
Type of degree program: MLT to MLS

Institution: University

Online delivery options: All MLS courses are offered online for students who are certified MLT’s and have at least 1 year of work experience. Note that students can choose to attend face-to-face courses on campus if they want the classroom experience.

“On-campus” (face to face) time required for online courses: Courses offered as online do not require visits to campus. However, students may be required to take a lab course(s) on campus depending on student’s work experience.

Total Length of program: 3 semesters if attend full-time and has AS, which includes one semester of a clinical practicum. More than 3 semesters if attend part-time or has AAS. More semesters are required in this case to complete general education and prerequisite courses, but still requires one semester of a clinical practicum. Once didactic coursework is completed, the one semester of a clinical practicum is required at one of our Chicagoland NIU clinical affiliates.

Contact person: Ellen Olsen, MSEd, MLS(ASCP)\(^{CM}\)
MLS Program Coordinator
Phone: 815-753-6300
Fax: 815-753-1653
Email: eolsen1@nui.edu

Mailing Address: Medical Laboratory Sciences
DuSable 159
Northern Illinois University
DeKalb, IL 60115

Program Web address: [http://www.chhs.niu.edu/mls/](http://www.chhs.niu.edu/mls/)

Enrollment Process: Applications available on-line. Submit by due dates Feb 1 or May 1

Retraining or refresher course options: No
Type of degree program: MLT to MLS

Institution: Public University

Online delivery options: ALL MLS didactic classes offered on-line; The 2-year clinical experience requirement must be met by the end of program completion. Clinical experience is to be completed at student’s site of employment.

Leadership minor option: Obtain workplace leadership minor to satisfy general education requirements. These online classes are designed to prepare you for supervisory roles in clinical settings.

“On-campus” (face to face) time required for online courses: None

Total Length of program: This major incorporates didactic and clinical education throughout an online curriculum that will take two years for most students who already have an associate degree.

Contact person: Martin Renaldi, MT (ASCP), MPA
Instructor/ School of Clinical Sciences
Phone: 906-227-2808
Email: mrenaldi@nmu.edu

Mailing Address: Northern Michigan University
School of Clinical Sciences
1401 Presque Isle Ave.
Marquette, MI 49855

Program Web address: https://www.nmu.edu/clinicalsciences/online-bachelors

Unofficial Application review:
Please complete the MLT to MLS Form: https://www.nmu.edu/clinicalsciences/mlt-mls/. By completing this form, the School of Clinical Sciences will be able to provide you with an unofficial review of your transcripts and help you to understand what your plan of study will look like if you decide to pursue an online Bachelor’s degree at NMU.

Enrollment Process:
The online bachelor program requires a few additional steps to be completed before
admittance.
https://www.nmu.edu/clinicalsciences/program-admission-requirements/

Apply online through NMU’s Global campus.
https://www.nmu.edu/application/?ref=global/

**Retraining or refresher course options:** None
Type of degree program: Bachelor of Science in Medical Laboratory Science

Institution: Northeastern State University

Online delivery options: All courses are offered in an online delivery format

“On-campus” (face to face) time required for online courses: None

Total Length of program: Six semesters

Contact person: Sallie Ruskoski, PhD, MT(ASCP)
Program Director, Medical Laboratory Sciences
Northeastern State University - Broken Arrow Campus
3100 E. New Orleans
Broken Arrow, OK 74014
Office: 918-449-6471
Fax: 918-449-6473
email: ruskosks@nsuok.edu

Mailing Address: Sallie Ruskoski, PhD, MT(ASCP)
Program Director, Medical Laboratory Sciences
Northeastern State University - Broken Arrow Campus
3100 E. New Orleans
Broken Arrow, OK 74014
Office: 918-449-6471
Fax: 918-449-6473
email: ruskosks@nsuok.edu

Program Web address: https://academics.nsuok.edu/healthprofessions/DegreePrograms/Undergraduate/MedicalLaboratoryScience.aspx

Enrollment Process: Applications are available from January 1 and due May 1 for potential admission to the fall class. All transcripts must be reviewed prior to receiving an application. Please email Program Director to request an Application and for additional information.

Retraining or refresher course options: None
**Old Dominion University**

**Type of degree program:** MLT to MT/MLS

**Institution:** Old Dominion University

**Online delivery options:** Blackboard

“On-campus” (face to face) time required for online courses: No time on campus is required. Competency assessment at an affiliated clinical site may be requested. Please call for clarification.

**Total Length of program:** Assuming all prerequisites are completed, the program may be finished in 5 semesters. See Recommended Degree Plan at [https://www.odu.edu/mdts/medical-technology#tab52=1&tab1580=3](https://www.odu.edu/mdts/medical-technology#tab52=1&tab1580=3)

**Contact person:** Ellie Luethy, MHS, MT(ASCP)

  Education Coordinator
  Phone: 757-683-3016
  Fax: 757-683-5028
  Email: eluethy@odu.edu

**Mailing Address:** Program in Medical Technology

  School of Medical Diagnostic & Translational Sciences
  College of Health Sciences
  Old Dominion University
  4608 Hampton Blvd., Room 2126
  Norfolk, VA  23508

**Program Web address:** [https://online.odu.edu/programs/medical-technology](https://online.odu.edu/programs/medical-technology)

**Enrollment Process:**
Student completes the online request for information found on the first page of website listed above. Advisors from the Distance Learning Division evaluate student transcripts and advise interested applicants of remaining ODU general education and MT/MLS program prerequisites. Student will apply to ODU Admissions as a pre-medical technology major if ODU is the university of choice to complete any required courses. When student is in the last semester of completing academic requirements, the student completes the online application for the MT/MLS program. The applicant submits 3 reference forms. Transcripts, references, and application are reviewed by faculty in the MT/MLS program. The last step before acceptance into the MLT to MT Degree Completion Program is a phone interview with the MT/MLS Program Director and Education Coordinator.
Retraining or refresher course options: Call for information
Type of degree program: MLT to MLS

Institution: South Dakota State University

Online delivery options: Didactic fully online in modular format. Clinical rotations required and will be determined on an individual basis. Student must be employed in a clinical laboratory and contract clinical rotations in a signed agreement of support with employer. General education requirements for the University are also available online.

“On-campus” (face to face) time required for online courses: None

Total Length of program: Two years if continuous, and all general education university requirements are completed prior to admission.

Contact person: Patricia M. Tille, Ph.D., MLS(ASCP)CM
MLS Program Director
Phone: 605-688-6197
Fax: 605-688-6364
Email: mailto:Pat.Tille@sdstate.edu

Mailing Address: Medical Laboratory Science Program
South Dakota State University College of Pharmacy and Allied Health Professions
Box 2202C, SAV 133
Brookings, SD 57007

Program Web address: https://www.sdstate.edu/pharmacy-and-allied-health-professions/medical-laboratory-science

Enrollment Process: Deadline for applications is February 15th for priority acceptance. Students may be accepted at any time following application date if openings are still available. Students must be pre-admitted to South Dakota State University prior to application to the MLT to MLS Upward Mobility Distance Education Program.

Retraining or refresher course options: None
Type of degree program: MLT to MLS

Institution: Private University

Online delivery options: ALL MLS didactic classes offered on-line Internships are performed at approved clinical affiliates.

“On-campus” (face to face) time required for online courses: Students may be required to attend an on campus lab for two consecutive days for hands-on molecular training.

Total Length of program: 5 semesters

Contact person: Charles Harris, MBA, MLS (ASCP)CM Program Director/ MLS Associate Professor Phone: 229-226-1621, Ext 1081 Email: charris@thomasu.edu

Mailing Address: Thomas University MT/CLS Program 1501 Millpond Road Thomasville, GA 31792

Program Web address: http://www.thomasu.edu/Content/Default/103/4685/0/medical-laboratory-science/medical-laboratory-science.html


Retraining or refresher course options: Yes. Contact the program director for information.
Type of degree program: MLT to MLS

Institution: University

Online delivery options: 100% online

Total Length of program: 1.5 years (Full Time) and 2.5 Part Time

Contact person: Nathan H. Johnson, Ph.D., MASCP, MT(ASCP), DLM, SC, SLS, FACHE
Chair, Department of Laboratory Sciences
Phone: 501-686-8443
Email: Njohnson2@uams.edu

Mailing Address: Department of Laboratory Sciences
Medical Technology Program
University of Arkansas for Medical Sciences
4301 W. Markham Street, #597
Little Rock, AR 72205-7199

Program Web address: ww/mltmls.com

Enrollment Process: Complete necessary pre-professional prerequisites listed on website. Submit application form found on website.

Retraining or refresher course options: None
Type of degree program: MLS

Institution: University

Online delivery options: General Education classes offered online; All MLS classes are offered online

“On-campus” (face to face) time required for online courses: Campus visits are not required.

Total Length of program: 9 quarters

Contact person: Charity Accurso, Ph.D., MT (ASCP) Program Director of the Medical Laboratory Science Email: Charity.Accurso@uc.edu

Mailing Address: Medical Laboratory Science Program College of Allied Health Sciences University of Cincinnati 3202 Eden Ave., 371 French East Cincinnati, OH 45267-0394

Program Web address: http://medlabscience.uc.edu/

Enrollment Process: Students can complete an information request form at http://medlabscience.uc.edu/apply-now/

Retraining or refresher course options: Offerings are in development.
University of Kentucky

Type of degree program: MLT to MLS

Institution: University

Online delivery options: All MLS didactic classes offered on-line.

“On-campus” (face to face) time required for online courses: No face to face time required.

Total Length of program: 3 semesters (Fall, Spring, Summer)

Contact person: Chad Guilliams, M.Ed., MLS(ASCP)CM
Online MLT to MLS Coordinator
University of Kentucky
Chad.Guilliams@uky.edu
(859) 218-0855

Mailing Address: Medical Laboratory Science Program
College of Health Sciences
124 Wethington Building
900 South Limestone Street
Lexington, KY 40536-0200

Program Web address: https://www.uky.edu/chs/mlt-mls

Enrollment Process: Visit the following website for more information - https://www.uky.edu/chs/mls

Retraining or refresher course options: None.
University of Louisiana at Monroe

Type of degree program: MLT to MLS

Institution: University

Online delivery options: All MLT to MLS classes offered online.

“On-campus” (face to face) time required for online courses: No on-campus time required

Total Length of program: 2-3 years

Contact person: Jessica Lasiter, MHIM, MLS(ASCP)CM
Assistant Professor
Clinical Coordinator
Medical Laboratory Science
University of Louisiana Monroe
Phone: 318.342.1631
Fax: 318.342.1692
Email: lasiter@ulm.edu

Mailing Address: The University of Louisiana at Monroe
College of Health and Pharmaceutical Sciences
School of Health Professions
Medical Laboratory Science Program
MLS Bridge Program Coordinator
700 University Avenue
Sugar Hall 253
Monroe, LA 71209-0440

Program Web address: http://www.ulm.edu/mls/mlsbridge/index.html

Enrollment Process:
1. Apply to University of Louisiana Monroe.
2. Submit application available on website to ULM MLS Bridge Program Coordinator:
   http://www.ulm.edu/mls/mlsbridge/applicationpacket.html
3. Complete necessary pre-professional prerequisites listed on website. These may be completed concurrently with MLS courses.
4. Students must have a clinical facility that will agree to provide the necessary clinical experience required by the program.

Retraining or refresher course options: none
Type of degree program:  MLT to MLS

Institution:  University

Online delivery options:  All MLT to MLS classes offered online.

“On-campus” (face to face) time required for online courses:  No on-campus time required

Total Length of program:  2.5 -5 years

Contact person:  College of Allied Health Professions (CAHP)
Academic & Student Affairs
Phone: 402.559.6673
Toll Free: 800-626-8431 ext. 96673
Fax: 402.559.3385
Email: clsdco@unmc.edu

Mailing Address:  University of Nebraska Medical Center
CAHP Academic & Student Affairs
984035 Nebraska Medical Center
Omaha, NE  68198-4035

Program Web address:  https://unmc.edu/alliedhealth/education/online/bsmls/index.html

Enrollment Process:  Students must apply online. Please refer to the website for detailed application instructions.

Retraining or refresher course options:  none
Type of degree program: MLT to MLS

Institution: University

Online delivery options: Some web assisted MLS / MLT classes offered. Pre-rotation coursework requires some on campus time. All rotation coursework, tests, required skill sheets, and Professional Development Forms are offered on-line.

“On-campus” (face to face) time required for online courses:
All of the rotation courses are at the clinical sites. The students are not required to come to the University Campus for any of these hours (19 credits).

Total Length of program: 3 on-campus semesters (spring, summer, fall) plus 19 weeks of clinical rotations at laboratories around the state.

Contact person: Barbara Masten, PhD, MT(ASCP)  
Director of Program  
Phone: 505-272-5434  
Fax: 505-272-8079  
Email: bmasten@salud.unm.edu

Mailing Address: Medical Laboratory Sciences Program  
MSC09 5250  
1 University of New Mexico  
Albuquerque, NM 87131-0001

Program Web address: http://pathology.unm.edu/medical-laboratory-sciences/program/

Enrollment Process:
1. Applications are online at the above website.
2. Applications are due on June and October 15.
   a. June 15 for Fall entrance
   b. October 15 for the January entrance
3. The application plus 3 letters of reference are due on the above dates.
4. An interview is then scheduled with qualified applicants by the end of the month.
5. Applicants are notified at least 1 month prior to admittance.

Retraining or refresher course options: We offer re-training to certified, non-practicing technologists. They can enroll in our advanced courses and receive a certificate.
Type of degree program: MLT to MLS Program, Baccalaureate in Medical Laboratory Science

Institution: University

Online delivery options: All course work is online except for the courses noted in “on-campus” section

“On-campus” (face to face) time required for online courses: 1 week student laboratory on campus; 6 week clinical affiliation

Total Length of program: Individual programs of study will be created to transfer MLT coursework from accredited NAACLS approved programs.

Contact person: Paul Samson, MT(ASCP)
UND Medical Laboratory Science Program
Phone: 701-777-6710
Fax: 701-777-2404
Email: paul.samson@med.und.edu

Mailing Address: UND School of Medicine and Health Sciences
1301 N. Columbia Rd. Stop 9037
Grand Forks, ND 58202

Program Web address: http://www.med.und.edu/medical-laboratory-science/mlt-to-mls.cfm

Enrollment Process: Contact Paul Samson at the above address for specific information

Retraining or refresher course options: None
University of Tennessee Health Science Center (UTHSC)

Type of degree program: Medical Laboratory Science

Institution: University

Online delivery options: MLT to MLS online

“On-campus” (face to face) time required for online courses: Campus visits are not required. Proctored exams and clinical practicums will be completed at approved clinical affiliates.

Total Length of program: 17 months

Contact person: Kathy Kenwright MS, MT(ASCP)SI, MB
Program Director and Assistant Professor
Phone: 901-448-6338
Fax: 901-448-7545
Email: kkenwrig@uthsc.edu or cls@uthsc.edu

Mailing Address: University of TN Health Science Center
Department of Clinical Laboratory Sciences
930 Madison - Suite 664
Memphis, Tennessee 38163
Phone: 901-448-6304

Program Web address: http://catalog.uthsc.edu/preview_program.php?catoid=16&poid=1160

Enrollment Process:
Students must be a graduate of a NAACLS accredited MLT program, and employed by a clinical laboratory in order to be accepted into the program. The application to UTHSC is available through the MLT to MLS program web site or at the following link:
https://uthsc.liaisoncas.com/applicant-ux/#/login

Retraining or refresher course options: None at this time
University of Texas Medical Branch

Type of degree program: MLT to MLS

Institution: University

Online delivery options: ALL MLS classes offered online.

“On-campus” (face to face) time required for online courses: Two weekend laboratories per semester are required for course with laboratories. Non-laboratory courses (e.g. management, research, etc.) do not require on-campus time.

Total Length of program: 2 years

Contact person: Muneeza Esani, Ph.D., MPH, MT(ASCP)
Assistant Professor and Program Director
Phone: 409-772-9456
Fax: 409-772-9470
Email: muesani@utmb.edu

Mailing Address: Department of Clinical Laboratory Sciences
University of Texas Medical Branch
301 University Blvd.
Galveston, TX 77555-1140

Program Web address: http://shp.utmb.edu/cls/

Enrollment Process: Student can apply on-line through the website.

Retraining or refresher course options: Yes, the MLS courses are available as continuing education credits for individuals interested in retraining or refreshing. Additionally, categorical certificate programs are offered for individuals who already have a baccalaureate degree.
Virginia Commonwealth University

**Type of degree program:** MLT to Bachelor of Science Degree in Clinical Laboratory Sciences

**Institution:** University

**Online delivery options:** All MLS classes offered on-line for students who meet eligibility requirements.

**“On-campus” (face to face) time required for online courses:** On-campus time is not required but available for students who are eligible and choose the online delivery option.

**Total Length of program:** 2 years

**Contact person:** Teresa S. Nadder, PhD, MLS(ASCP)™
Chairman
Phone: (804) 828-9469
Fax: (804) 828-1911
Email: tsnadder@vcu.edu

**Mailing Address:** Virginia Commonwealth University
P.O. Box 980583
Richmond, VA  23298-0583

**Program Web address:** [http://www.sahp.vcu.edu/cls](http://www.sahp.vcu.edu/cls)

**Enrollment Process:** Complete undergraduate application – forms available on website

**Retraining or refresher course options:** No
Weber State University

**Type of degree program:** MLT to MLS

**Institution:** University

**Online delivery options:** General education and all MLT / MLS classes offered online.

"On-campus" (face to face) time required for online courses: None

**Total Length of program:** Two years for MLT and additional 2 years for MLS

**Contact person:** Kandi Tait, MLS(ASCP)CM
Online Program Coordinator
Phone: 801-626-6785
Fax: 801-626-6125
Email: kanditait@weber.edu

**Mailing Address:**
Weber State University
Medical Laboratory Sciences Department
3874 Stadium Way, Department 3905
Ogden, Utah 84408-3905

**Program Web address:** [http://www.weber.edu/mls](http://www.weber.edu/mls)

**Enrollment Process:** Students have to be employed by a clinical laboratory in order to enroll. In order to be eligible for the MLT going to MLS, students must be MLT(ASCP) certified.

**Retraining or refresher course options:** MLS 5101 Clinical Chemistry, MLS 5102 Hematology and Hemostasis, MLS 5103 Clinical Laboratory Microbiology I, MLS 5104 Clinical Laboratory Microbiology II, and MLS 5105 Clinical Immunohematology are offered as online refresher courses.
Type of degree program: MLT to Bachelor of Science in CLS

Institution: University

Online delivery options: ALL MLS classes offered online.

“On-campus” (face to face) time required for online courses: None

Total Length of program: Depends on the student’s choice of academic load and number of courses eligible for transfer credit. The average length is 2 years.

Contact person: Lelita Roberts-McKelvin, MAED/CI, MT(ASCP)
Coordinator - CLS Distance Learning
Phone: 336-750-8708
Fax: 336-750-2517
Email: mckelvinl@wssu.edu

Mailing Address: Winston-Salem State University
School of Health Sciences
Clinical Laboratory Science Department
F.L. Atkins Annex 109
Winston-Salem, NC 27110

Program Web address: https://www.wssu.edu/academics/distance-learning/clinical-laboratory-science/index.html

Enrollment Process: Please see website for applicant instructions and application forms. Students must be certified for acceptance into the clinical phase of the program.

Retraining or refresher course options: Can apply as a non-degree seeking student for individualized curriculum.
Type of degree program: Bachelor of Science in Applied Science in Medical Laboratory Science – Advanced Placement Option

Institution: Youngstown State University

Online delivery options: MLS coursework is fully online

Total Length of program: Two years to complete MLS courses

Contact person: Joan O’Connell-Spalla MSEd, MLS (ASCP)
Director, Medical Laboratory Programs
Assistant Professor
Department of Health Professions
The Bitonte College of Health and Human Services
330.941.1761

Mailing Address: Youngstown State University
The Bitonte College of Health and Human Services
Department of Health Professions
One University Plaza
Youngstown Ohio 44555

Program Web address: www.ysu.edu

Enrollment Process: Students must meet application criteria for admittance to the program including; current MLT certification and work experience.

Retraining or refresher course options: None