



CLINICAL LABORATORY EDUCATORS FORUM  
AMERICAN SOCIETY FOR CLINICAL LABORATORY SCIENCE

# **MEDICAL LABORATORY EDUCATION DIRECTORY OF ONLINE MLS PROGRAMS**

## **Introduction**

The Clinical Laboratory Educators Forum (CLEF) of ASCLS maintains directories for prospective students who are considering online programs in one of the following four categories:

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

It is possible that this is not a “comprehensive” listing of online programs. The online directories are updated twice a year.

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## George Washington University

**Type of Degree Program:** Numerous online, graduate degree programs are available:

- MSHS in Medical Laboratory Sciences
- MSHS in Molecular Diagnostic Sciences
- MSHS in Clinical Microbiology
- MSHS in Translational Microbiology
- MSHS in Clinical and Translational Microbiology
- MSHS in Immunohematology and Biotechnology

**Is “on-campus” time required for this program?** Some graduate programs include a required practicum, which may be completed at approved sites.

**Program Web Address:** <http://smhs.gwu.edu/medical-laboratory-sciences/>

**Can the online courses be used for retraining or as a refresher course?** Yes

## Idaho State University

**Type of degree program:** MLS Graduate Program

**Is “on-campus” time required for this program?** Varies

**Program Web address:** <https://coursecat.isu.edu/previouscatalogs/2022-23/graduate/college-of-health/medicallaboratoryscience/msmedlabscience/>

**Can the online courses be used for retraining or as a refresher course?** Yes.

## Michigan State University

**Type of degree program:** Master of Science (MS) in Clinical Laboratory Science, Master of Science in Biomedical Laboratory Operations, Master of Arts (MA) in Biomedical Laboratory Science

**Is “on-campus” time required for this program?** No

**Program Web address:** <https://bld.migrate.natsci.msu.edu/academics/online-graduate-degrees/index.aspx>

**Can the online courses be used for retraining or as a refresher course?** N/A

## Rush University

**Type of degree program:** Master of Science in Clinical Laboratory Management (Two-year Program)

Is “on-campus” time required for this program? No

Program Web address: [www.rushu.rush.edu/cls/](http://www.rushu.rush.edu/cls/)

Can the online courses be used for retraining or as a refresher course? Yes.

## Rutgers – School of Health Professions

Type of degree program: Master of Science in Clinical Laboratory Science (MS-CLS)

Is “on-campus” time required for this program? No

Program Web address: <https://shp.rutgers.edu/clinical-lab-and-imaging-sciences/master-of-science-clinical-lab-science/>

Can the online courses be used for retraining or as a refresher course? No.

## Thomas Jefferson University

Type of degree program: Master of Science in Clinical Laboratory Science (MS-CLS)

Is “on-campus” time required for this program? Graduate Certificate in Clinical Microbiology  
Graduate Certificate in Clinical Hematology  
Graduate Certificate in Clinical Chemistry  
Graduate Certificate in Immunohematology  
Graduate Certificate in Molecular Biology

Program Web address: <https://www.jefferson.edu/academics/colleges-schools-institutes/health-professions/departments-programs/medical-laboratory-biotechnology/degrees-programs.html>

Can the online courses be used for retraining or as a refresher course? Yes.

## University of Cincinnati

Type of degree program: Master of Medical Laboratory Science Leadership  
Multiple Degree Tracks Available

- Advanced Practice Molecular Microbiology/Immunology
- Advanced Practice Cell Therapy and Immunohematology
- Higher Education- Teaching and Learning, Educational Leadership and Medical Education
- Health Administration and Management

Is “on-campus” time required for this program? No

Program Web address: <https://online.uc.edu/masters-programs/masters-medical-laboratory-science->

[leadership/](#)

**Retaining or Refresher Course Options:** No

## University of Kansas

**Type of degree program:** Doctorate in Clinical Laboratory Science (DCLS)

**Is “on-campus” time required for this program?** Program includes a required practicum, which may be completed at approved sites.

**Program Web address:** <https://www.kumc.edu/school-of-health-professions/academics/departments/clinical-laboratory-sciences/academics/doctorate-in-cls-program.html>

**Retaining or Refresher Course Options:** No

## University of Missouri

**Type of degree program:** Master of Health Science in Clinical and Diagnostic Sciences, Clinical Laboratory Science emphasis

**Is “on-campus” time required for this program?** No

**Program Web address:** <https://gradschool.missouri.edu/degreecategory/clinical-diagnostic-sciences/>

**Can the online courses be used for retraining or as a refresher course?** No

## University of North Carolina at Chapel Hill

**Type of degree program:** Master’s in Clinical Laboratory Science – Medical Laboratory Science Track

**Is “on-campus” time required for this program?** None

**Program Web address:** <https://www.med.unc.edu/healthsciences/clinical>

**Can the online courses be used for retraining or as a refresher course?** No

## University of North Dakota School of Medicine and Health Sciences

**Type of degree program:** Masters in Medical Laboratory Science

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

**Program Web address:** <https://med.und.edu/education-training/medical-laboratory-science/ms-program-overview.html>

**Can the online courses be used for retraining or as a refresher course?** No

## The University of Southern Mississippi

**Type of degree program:** Master’s Degree Program in Medical Laboratory Science

**Is “on-campus” time required for this program?** None

**Program Web address:** <https://online.usm.edu/graduate/medical-laboratory-sciences-ms/>

**Can the online courses be used for retraining or as a refresher course?** None

## University of Texas Medical Branch

**Type of degree program:** Master of Sciences for Science graduates, Master of Sciences for MLS graduates and Master of Sciences in Transfusion Medicine

**Is “on-campus” time required for this program?** Individuals who do not hold a MLS undergraduate degree must attend on-campus laboratories. Non-laboratory courses (e.g. management, research, etc.) do not require on-campus time.

**Program Web address:** <http://shp.utmb.edu/cls/>

**Can the online courses be used for retraining or as a refresher course?** Yes.

## The University of Texas Rio Grande Valley

**Type of degree program:** Accelerated Master of Science Health Science (MSHS) with a concentration in Clinical Laboratory Sciences (CLS)

**Is “on-campus” time required for this program?** No

**Program Web address:** <http://www.utrgv.edu/hbs/graduate-programs/master-of-science-health-science-cls/index.htm>

**Can the online courses be used for retraining or as a refresher course?** No