



CLINICAL LABORATORY EDUCATORS FORUM
AMERICAN SOCIETY FOR CLINICAL LABORATORY SCIENCE

MEDICAL LABORATORY EDUCATION DIRECTORY OF ONLINE GRADUATE 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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Arizona State University

Type of Degree Program: Graduate Certificate, Clinical Molecular Diagnostics

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

Program Web Address: <https://degrees.apps.asu.edu/masters-phd/major/ASU00/NHCMDGRCT/clinical-molecular-diagnostics-graduate-certificate>

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

Barry University

Type of Degree Program: Master of Science in Clinical Laboratory Sciences

Multiple degree tracks available

- Medical Laboratory Science (MLS)
- Histotechnology
- Laboratory Management

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

Program Web Address: <https://www.barry.edu/en/academics/health-sciences/clinical-laboratory-sciences-ms>

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

George Washington University

Type of Degree Program: Numerous online, graduate degree programs are available:
Master of Science in Health Science (MSHS), Biomedical Laboratory Sciences
MSHS, Clinical Laboratory Management
MSHS, Clinical Microbiology
MSHS, Laboratory Medicine
MSHS, Molecular Diagnostic Science

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

Program Web Address: <https://bls.smhs.gwu.edu/>

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

Idaho State University

Type of degree program: Master of Science in Medical Laboratory Science

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 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

Northeastern State University

Type of degree program: Master of Science in Medical Laboratory Science

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

Program Web address:
https://academics.nsuok.edu/healthprofessions/DegreePrograms/Undergraduate/MedicalLaboratoryScience.aspx?_ga=2.200399662.1899690829.1727185893-2063057614.1710436537

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

Philadelphia College of Osteopathic Medicine (PCOM)

Type of degree program: Master of Science in Medical Laboratory Science

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

Program Web address: <https://www.pcom.edu/academics/programs-and-degrees/laboratory-science/>

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

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: <https://rushu.rush.edu/clm>

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

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

- Graduate Certificate in Clinical Microbiology
- Graduate Certificate in Clinical Hematology
- Graduate Certificate in Clinical Chemistry
- Graduate Certificate in Immunohematology
- Graduate Certificate in Molecular Biology

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

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 Arkansas for Medical Sciences

Type of degree program: Master of Health Administration with concentration in Medical Laboratory Management

Master of Hospital Administration with Specialization in Medical Laboratory Management

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

Program Web address: <https://publichealth.uams.edu/future-students/academics/masters/mha/mha-laboratory-management/>

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

University of Cincinnati

Type of degree program: Doctorate in Clinical Laboratory Science (DCLS)
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://www.cahs.uc.edu/academic-programs/graduate-programs/clinical-laboratory-science.html>

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 of Clinical Laboratory Science – Medical Laboratory Science Track

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

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: Master of Science in Medical Laboratory Science

Is “on-campus” time required for this program 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 of Science in Medical Laboratory Science

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

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? No

University of Texas Medical Branch

Type of degree program: Doctorate in Clinical Laboratory Science (DCLS)
Master of Sciences for Science graduates
Master of Sciences for MLS graduates
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. DCLS requires on-campus time.

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

<https://shp.utmb.edu/academics/clls/dcls/home>

Can the online courses be used for retraining or as a refresher course? Yes (DCLS No)

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