

# MEDICAL LABORATORY LEADERSHIP (MS)

## Contacts

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Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/health-professions/departments-programs/medical-laboratory-biotechnology/degrees-programs/ms-programs/medical-laboratory-leadership.html>)

## Program Description

The MS in Medical Laboratory Leadership is designed for aspiring laboratory professionals looking for technical laboratory and leadership skills.

## Program Highlights

1. Customize your education by stacking graduate certificates and earn your degree at the same time
2. The online format provides flexibility for working individuals
3. Earn while you learn, we work with labs/employers to ensure they have lab experience within the workplace

## Curriculum: 3 years, 30 credits, part-time

The degree plan is personalized and flexible for the student's target career. For conferral of the MS degree in Medical Laboratory Leadership, a minimum 30 credits is required. Practicums and electives will be determined through consultation between the advisor and the student.

This is a sample curriculum plan for completing the Clinical Chemistry, Hematology, and Clinical Microbiology graduate certificates and only completing one practicum.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
MLSO 523	Clinical Chemistry I	2.5
<b>Credits</b>		<b>2.5</b>
<b>Spring</b>		
MLSO 524	Clinical Chemistry II	2.5
<b>Credits</b>		<b>2.5</b>
<b>Summer</b>		
MLSO 610	Reg & Fiscal Issues Lab Mgmt	3
MLSO 812	Med Lab Sci Comp - Chemistry <sup>1</sup>	1
<b>Credits</b>		<b>4</b>
<b>Second Year</b>		
<b>Fall</b>		
MLSO 541	Clinical Hematology I	2
<b>Credits</b>		<b>2</b>
<b>Spring</b>		
MLSO 543	Clinical Hematology II	2
MLSO 510	Intro to Molecular Diagnostics	1
<b>Credits</b>		<b>3</b>
<b>Summer</b>		
MLSO 577	Laboratory Inform Fundamentals	3

Course	Title	Credits
Program Approved Elective		2-3
MLSO 576		2
<b>Credits</b>		<b>7-8</b>
<b>Third Year</b>		
<b>Fall</b>		
MLSO 512	Clinical Microbiology I	2
LDSP 510	Team Dynamics and Collaboratio	3
<b>Credits</b>		<b>5</b>
<b>Spring</b>		
MLSO 513	Clinical Microbiology II	2
MLSO 579		
Program Approved Elective		2-3
<b>Credits</b>		<b>4-5</b>
<b>Total Credits</b>		<b>30-32</b>

<sup>1</sup> Students must complete either one out of the three practicum courses and two program electives or complete all three practicum courses.