

# MASTER OF SCIENCE IN MEDICAL LABORATORY SCIENCE

## Track 2

*Academic Year: 2024-2025*

### FIRST YEAR

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<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MLS 6300 – Emerging Diag. Technologies	3	NH 6899 - Fundamentals of Critical Inquiry	3
STAT 5000 - Biostatistics and Epidemiology, <i>or</i> STAT 5210 - Advanced Stat Methods & Theory	3	PATH 6250 - Genetics for Clinicians	3
<i>Total Credits:</i>	9	<i>Total Credits:</i>	6

<u>Summer Semester</u>	<u>Credits</u>
MLS 6900 - Clinical Leadership & Management	3
MLS 6500 - Research and Design II	3
<i>Total Credits:</i>	6

### SECOND YEAR

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<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
GRNS 6220 – Org., Deliv. & Finance Health Care <i>or</i> Approved Elective	3	GRNS 6280 - Quality in Health Care	3
MLS 6600 - Research Capstone	2	MLS 6200 - Clinical Correlations I	3
		MLS 6600 Research Capstone	1
<i>Total Credits:</i>	5	<i>Total Credits:</i>	7

#### CORE COURSES:

**15 credits total of the following required:**

STAT 5000 - Medical Biostatistics & Epidemiology *or*  
STAT 5210 - Advanced Stat Methods & Theory  
PATH 6250 - Genetics for Clinicians  
MLS 6900 - Clinical Leadership & Management  
GRNS 6220- Org, Delivery, and Financing of Health Care  
CTS 6020 - Quality in Health Care

#### RESEARCH METHOD AND DESIGN COURSES:

**9 credits total of the following required:**

I: Fundamentals of Critical Inquiry NH 6899  
II: Research and Design MLS 6500  
III: Research Capstone MLS 6600