

# MASTER OF SCIENCE IN MEDICAL LABORATORY SCIENCE

## Track 2

*Academic Year: 2022-2023*

### FIRST YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MLS 372 – Emerging Diag. Technologies	3	NH 399 - Fundamentals of Critical Inquiry	3
STAT 200 - Med Biostats & Epidemiology, <i>or</i> STAT 211 - Statistical Methods	3	PATH 325 - Genetics for Clinicians	3
<i>Total Credits:</i>		<i>Total Credits:</i>	
	9		6

<u>Summer Semester</u>	<u>Credits</u>
MLS 397 - Clinical Leadership & Management	3
MLS 390 - Research and Design II	3
<i>Total Credits:</i>	
	6

### SECOND YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
GRNS 322 – Org., Deliv. & Finance Health Care <i>or</i> Approved Elective	3	CTS 302 or GRNS 328 - Quality in Health Care	3
MLS 371 - Clinical Correlations I	3	MLS 391 - Research Capstone	3
<i>Total Credits:</i>		<i>Total Credits:</i>	
	6		6

#### CORE COURSES:

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

STAT 200 - Medical Biostatistics & Epidemiology *or*  
STAT 211 - Statistical Methods  
PATH 325 - Genetics for Clinicians  
MLS 397 - Clinical Leadership & Management  
GRNS 322 - Org, Delivery, and Financing of Health Care  
CTS 302 - Quality in Health Care

#### RESEARCH METHOD AND DESIGN COURSES:

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

I: Fundamentals of Critical Inquiry NH 399  
II: Research and Design MLS 390  
III: Research Capstone MLS 391