

ACCELERATED MASTER OF SCIENCE IN MEDICAL LABORATORY SCIENCE – for UVM Undergraduate majoring in Medical Laboratory Science

Academic Year: 2023-2024

4TH YEAR UNDERGRADUATE/1ST year graduate dual enrollment

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
STAT 5000 or STAT 5210	3	NH 6899 Evidence-Based Practice	3
<i>Total Credits:</i>		<i>Total Credits:</i>	
	3		3

FIRST YEAR-Graduate Only

<u>Summer Semester</u>	<u>Credits</u>		
MLS 6900 Clinical Leadership & Management	3		
MLS 6500 Research Methods and Design II	3		
<i>Total Credits:</i>			
	6		
<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MLS 6300 Emerging Diagnostic Technologies	3	PATH 6250 Genetics for Clinicians	3
GRNS 6220 Org., Deliv & Finance of Hlth Care	3	CTS 6020 Quality in Healthcare	3
<i>or</i> Approved Elective		MLS 6200 Clinical Correlations I	3
MLS 6600 Research Capstone	3		
<i>Total Credits:</i>		<i>Total Credits:</i>	
	9		9

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