

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

*Academic Year: 2020-2021*

**4<sup>TH</sup> YEAR UNDERGRADUATE/1<sup>ST</sup> year graduate  
dual enrollment**

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
STAT 200 or STAT 211	3	NH 399 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 397 Clinical Leadership & Management	3		
MLS 390 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 371 Clinical Correlations I	3	PATH 325 Genetics for Clinicians	3
GRNS 322 Org., Deliv & Finance of Hlth Care	3	CTS 302 Quality in Healthcare	3
MLS 391 Research Capstone	3	MLS 372 Clinical Correlations II	3
<i>Total Credits:</i>		<i>Total Credits:</i>	
9		9	

**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 301 Quality in Health Care

**RESEARCH METHOD AND DESIGN COURSES:**

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

I: Research and Design I MLS 389 or NH 396  
II: Scientific Writing and Communication MLS 390  
III: Capstone Project MLS 391