

ADMISSION REQUIREMENTS

Track One

- **Bachelor of Science or Bachelor of Arts** degree in life sciences or a related field from an accredited institution
- Minimum 3.0 cumulative grade point average
- TOEFL scores (international students only)
- Three letters of recommendation

Prerequisite courses

- General biology or anatomy and physiology (8 credits)
- General chemistry (8 credits)
- Organic chemistry or biochemistry (4 credits)
- General microbiology with lab (4 credits)
- College-level math

Track Two

- **Bachelor of Science** in Medical Laboratory Science or a related field from an accredited institution
- American Society for Clinical Pathology Certification in MLS (or eligibility)
- Minimum 3.0 cumulative grade point average
- TOEFL scores (international students only)
- Three letters of recommendation



TO APPLY

College of Nursing & Health Sciences
Office of Student Services
(802) 656-3858
cnhsgrad@uvm.edu
www.uvm.edu/cnhs/bhsc

Contact us today to schedule a visit!
Applications accepted on a rolling basis
through June 1 with priority given to
applications received by March 1.



105 Rowell Building
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MASTER OF SCIENCE IN Medical Laboratory Science

COLLEGE OF NURSING & HEALTH SCIENCES

Degree Details

THE MASTER OF SCIENCE IN MEDICAL LABORATORY SCIENCE PROGRAM PREPARES GRADUATES FOR LEADERSHIP OPPORTUNITIES IN MEDICAL LABORATORY SCIENCE MANAGEMENT, EDUCATION, RESEARCH AND ADVANCED CLINICAL PRACTICE.

The program consists of two tracks. Track one is for individuals with a bachelor's degree who are not certified in medical laboratory science but desire a career in the clinical laboratory sciences. Track one graduates will be eligible to take the national certification exam offered by the American Society for Clinical Pathology (ASCP) upon program completion. Track two is for medical laboratory science-certified individuals. Track two also includes an accelerated master's option for current UVM Medical Laboratory Science undergraduates.

Minimum degree requirements: Track one requires 67 credits (43 credits of courses accredited by the National Accrediting Agency for Clinical Laboratory Sciences and 24 credits of advanced practice courses). Track two requires 30 credits of advanced practice courses. Both tracks include a capstone project that integrates hands-on research methodology, evidence-based practice, scientific communication, and require successful completion of a comprehensive exam.



"I chose UVM's program because it gave me the opportunity to work hands-on in the laboratory from day one. Nowhere else will you find faculty members more dedicated to your learning and success as both a student and a future laboratory scientist. I'm looking forward to putting all the skills I've learned to use in the clinical setting."

— MATTHEW OWENS '20

Clinical and Research Experience. Track one students complete a clinical practicum at one of our affiliate hospitals. All students complete a three-course series in research methods and design that culminates with a capstone research project.



UVM HEALTH NETWORK

UVM faculty offer advanced practice courses in molecular methods and emerging diagnostic technology; clinical leadership, management and quality; evidence-based practice; research methods and design.



Medical laboratory scientists are integral members of the health care team. They are experts who manage, oversee, and perform a full range of laboratory tests providing critical information about the health of individuals and populations. Medical laboratory scientists with advanced practice skills educate other health care professionals and patients about the utilization and clinical significance of laboratory tests. They also conduct evidence-based research and develop emerging technologies to advance the field and patient outcomes.