MEDICAL SCIENCE M.S.

All students must meet the Requirements for the Master's Degree

OVERVIEW

The goal of the Master of Science in Medical Science Program is to provide a rigorous curriculum in the basic biomedical sciences that prepares students with the background knowledge and skills required to gain acceptance into and succeed in healthcare-related professional degree programs such as medical, dental, or pharmacy programs. The program offers a cohesive set of core courses in biomedical disciplines that together provide foundational understanding of human structure and function. Courses provide graduate-level training in biochemistry, cell biology, anatomy, and physiology as well as pharmacology and evidence-based medicine.

The faculty below are UVM faculty in addition to those who have been formally appointed Graduate Faculty members:
Akselrod, Dmitry; Associate Professor, Department of Radiology; MD, SUNY Upstate Medical University
Geeslin, Matthew; Assistant Professor, Department of Radiology; MD, University of Minnesota
Hielscher, Abigail; Associate Professor, Department of Neurological Sciences; PhD, University of Nebraska
Jebbett, Nathan; Assistant Professor, Department of Neurological Science; PHD, University of Vermont
McBride, Carole Anne; Assistant Professor, Department of Obstetrics Gynecology&Reprod; PHD, University of Vermont
Spear-Bishop, Estelle; Assistant Professor, Department of Neurological Sciences; PHD, University of Vermont

Specific Requirements

Requirements for Admission to Graduate Studies for the Degree of Master of Science

Applicants are required to have a B.S. or B.A. from accredited college or university, 2 semesters of general biology, general physics, general chemistry, and organic chemistry. International Students are required to submit scores for TOEFL or IELTS.

Minimum Degree Requirements

UVM’s Master of Medical Science degree is a 30-credit program that is designed to be completed within 1 year (12 months). Students complete Core Course Requirements, 1 anatomy, 1 biostatistics, 1 pharmacology, and additional electives to complete the 30-credit program.

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<th>Core Courses</th>
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<td>BIOC 6001</td>
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LCOM Medical Student Program Transfer to Medical Science M.S.: Larner College of Medicine (LCOM) medical students who wish to withdraw from the Vermont Integrated Curriculum may transfer up to 30 qualifying credits from their pre-clinical courses to the Graduate College Medical Science M.S. program. Applicants
submit a program transfer request to the Dean of the Graduate College, with approval from the LCOM Dean of Students.

**Comprehensive Examination**

Students must complete a comprehensive exam, integrating their knowledge of core course material in a written paper, by their end of their final semester in the program.

**Requirements for Advancement to Candidacy for the Degree of Master of Science**

Successful completion of a comprehensive examination in Medical Science.