MEDICAL SCIENCE

https://learn.uvm.edu/program/uvm-master-of-medical-science-degree/

OVERVIEW

The main objective 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 medical school as well as other health-related professional doctoral-level degree programs including dental and pharmacy school. The program offers a cohesive set of core courses that cover the major biomedical disciplines that together provide the foundation of understanding how the human body works from the molecular (biochemistry), cellular (cell biology), and systems (anatomy and physiology) levels, as well as the fundamentals required to understand drug actions in the body (pharmacology) and the principles of quantitatively interpreting scientific and epidemiological data (biostatistics).

DEGREES

Medical Science M.S.

FACULTY

Anathy, Vikas; Assistant Professor, Department of Pathology and Laboratory Medicine; PHD, Madurai Kamaraj University
Berger, Christopher Lewis; Professor, Department of Molecular Physiology and Biophysics; PHD, University of Minnesota Twin Cities
Deming, Paula B.; Associate Professor, Department of Biomedical and Health Sciences; PHD, University of North Carolina at Chapel Hill
Francklyn, Christopher Steward; Professor, Department of Biochemistry; PHD, University of California Santa Barbara
Godsey, Michael; Associate Professor, Department of Biochemistry; PhD, Oregon Health & Science University
Howe, Alan K.; Associate Professor, Department of Pharmacology; PHD, Northwestern University
Kelm, Robert; Associate Professor, Department of Medicine-Cardiovascular; PHD, University of Vermont
Khan, Shamima: Assistant Professor, Department of Medicine; PHD, University of Louisiana
Lounsbury, Karen M.; Professor, Department of Pharmacology; PHD, University of Pennsylvania
May, Victor; Professor, Department of Neurological Sciences; PHD, Northwestern University
Previs, Michael; Assistant Professor, Department of Molecular Physiology and Biophysics; PHD, University of Vermont
Salogiannis, John; Assistant Professor, Department of Molecular Physiology and Biophysics; PHD, Harvard University
Stumpf, Jason K.; Associate Professor, Department of Molecular Physiology and Biophysics; PHD, University of Colorado
Thali, Markus Josef; Professor, Department of Microbiology and Molecular Genetics; PHD, University of Zurich

Ward, Gary E.; Professor, Department of Microbiology and Molecular Genetics; PHD, University of California San Diego
Wellman, George C.; Professor, Department of Pharmacology; PHD, University of Vermont