

Master of Science in Medical and Health Studies

University of Maryland School of Medicine

Overview

The University of Maryland School of Medicine (UMSOM) is proud to offer the **Master of Science in Medical and Health Studies**. This graduate degree is designed as a compassionate, academically rigorous off-ramp for students enrolled in the Doctor of Medicine (MD) program who have completed the pre-clinical phase of the Renaissance Curriculum but are unable or no longer wish to continue in the traditional MD pathway.

This 62-credit program utilizes existing medical school coursework and provides students with a recognized credential that reflects their achievements, knowledge, and skills in advanced medical sciences.

Program Highlights

- **Total Credits:** 62
- **Eligibility:** Only available to matriculated MD students in good academic standing who have successfully completed elements of the pre-clerkship phase (see table below).
- **Curriculum Foundation:** All courses are part of the existing Renaissance Curriculum and hosted by the University of Maryland School of Medicine.
- **Core Disciplines:**
 - Biochemistry
 - Pathophysiology
 - Genetics
 - Pharmacology
 - Microbiology and Immunology
 - Professional and Clinical Skills
 - Psychosocial Aspects of Patient Care

Course Name	Course Code	Course Credits	Required
Year 1 Fall			
Intro to Medical School	MED 510	1	x
Foundations	MEDS 511	11	X
Blood & Host Defenses	MEDS 512	8	X
Practice of Medicine 1	MEDS 517	3	x
Year 1 Spring			
Brain & Behavior	MEDS 513	9	X
Digestion & Hormones	MEDS514	7	X
Practice of Medicine 1	MEDS 517	3	X
Year 2 Fall			
Clinical Integration of First Year	MED 520	1	x
Cardiovascular, Renal & Pulmonary	MEDS 521	12	X
Skin, Bones & Musculature	MED 522	7	x

Skills and Competencies

Graduates will emerge with strong foundations in:

- Human anatomy and physiology
- Molecular and cellular basis of disease
- Diagnostic and therapeutic reasoning
- Clinical communication and professionalism
- Patient privacy and ethics
- Healthcare delivery systems
- Interprofessional collaboration

Career Opportunities

Graduates of the Master program consider a variety of impactful careers in healthcare, life sciences, and medical-adjacent industries, including:

- Medical and health services management
- Clinical research and biomedical development
- Pharmaceutical manufacturing and sales

- Healthcare consulting and analytics
 - Public health and hospital administration
 - Clinical laboratory technology
 - Medical education and training roles
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Admissions and Transition

Eligibility is limited to current UMSOM MD students who meet the academic requirements. Students must have received a passing grade for all the required pre-clerkship coursework before being admitted and transitioning into the Master of Science in Medical and Health Studies. Students not in good standing must be reviewed by the Advancement Committee for eligibility.

A student must have withdrawn from the doctoral program or have been dismissed from the doctoral program. This is an exit degree. Students may not continue in the UMSOM MD program after transitioning to the Master Program.

Eligibility and review of the process may be reviewed at any time with the Master Program contacts. Admission and transition are coordinated with the UMB campus Registrar in coordination with the Office of Student Affairs.

Contacts

- For more information, please contact:
 - **Elizabeth Lamos, MD**
 - **Kerri Thom, MD MS**
- <https://www.medschool.umaryland.edu/osa/faculty-and-staff/>
- University of Maryland School of Medicine, Office of Student Affairs