

MD Programme

Basic Science Program & Clinical Science Program Metropolitan University College of Medicine (MUCM)

Basic Science Program Overview

The Basic Science Program at Metropolitan University College of Medicine provides a strong preclinical foundation in the biomedical sciences. The programme is delivered over approximately 60 weeks across five academic semesters and is designed to prepare students for the clinical phase of medical education through an integrated, systems-based curriculum.

Basic Science Curriculum (Semester-Based)

Semester	Courses
MD 1	Medical Biochemistry, Cell Biology & Genetics, Gross Anatomy, Histology, Medical Ethics, Introduction to Clinical Medicine
MD 2	Physiology, Neuroanatomy, Microbiology & Immunology, Pathology I, Behavioural Science
MD 3	Pathology II, Pharmacology I, Neuroscience, Introduction to Research & Evidence-Based Medicine
MD 4	Pharmacology II, Systems-Based Pathology, Clinical Skills, Epidemiology & Biostatistics
MD 5	Integrated Organ Systems, Comprehensive Review, USMLE Step 1 Preparation

Clinical Science Program Overview

The Clinical Science Program is a 72-week clinical training phase consisting of core clerkships and elective rotations. Students complete their clinical training at affiliated teaching hospitals and clinical sites, gaining hands-on experience under the supervision of qualified physicians.

Clinical Science Curriculum

Clerkship	Duration (Weeks)
Internal Medicine	12
General Surgery	12
Paediatrics	6
Obstetrics & Gynaecology	6
Psychiatry	6
Family Medicine	6
Elective Rotations	24

Programme structures and clinical site availability are subject to change. This document is for informational purposes only.