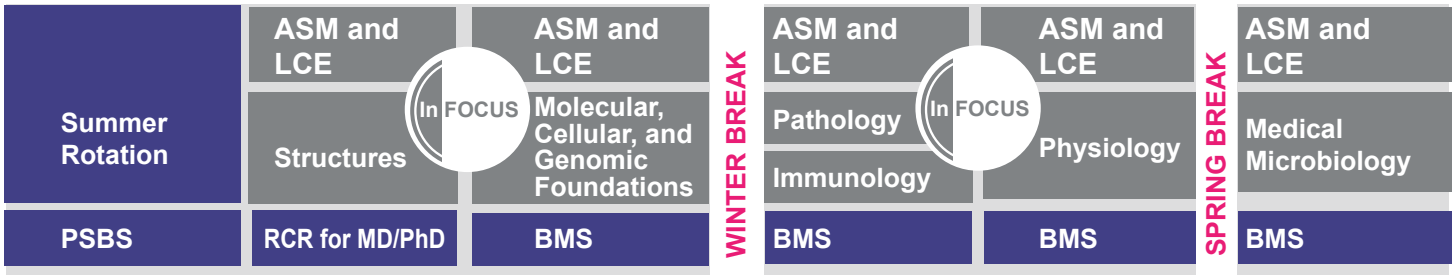
Medical Scientist Training Program Curriculum

Mount Sinai

MD1 YEAR



Art and Science of Medicine (ASM)

This two-year experience provides medical students with the core knowledge, clinical skills, and professional attidutes essential for clinical practice, through early and sustained patient contact in ambulatory and inpatient settings.

Longitudinal Clinical Experience (LCE)

A central patient-care experience in ASM is the longitudinal clinical experience which partners medical students with patients, their doctors and the patient's health care team.

Problem Solving in Biomedical Science (PSBS)

This summer course designed for new MD/PhD students, promotes and develops analytic thinking in biomedical science while exploring a selection of current experimental model systems and paradigms. The course will help to hone students' critical reading skills and ability to identify important scientific questions.

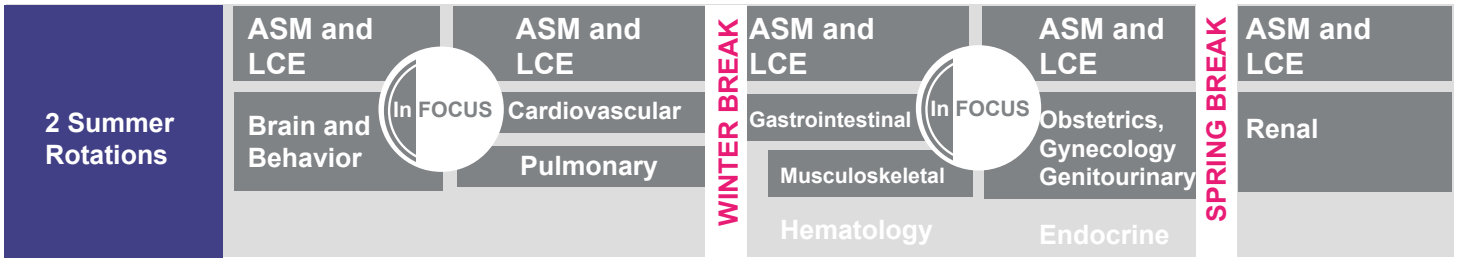
Biomedical Sciences for MD/PhD (BMS)

This is a first year graduate level core curriculum integrated into the first year medical school schedule. Fall semester is taken with Molecular, cellular and genomic foundations, with themes related to the medical school course. Spring semester has four blocks in focused areas of biomedical science. The course features lectures from graduate faculty in diverse training areas, and also has a journal club component. A short research proposal and participation in a mock study section are final projects in the spring.

Responsible Conduct in Research for MD/PhD (RCR)

This essential component of research training exercises awareness of and application of established professional norms and ethical principles in the performance of all activities related to scientific research. This mandatory course addresses the ethical conduct of basic and patient-based research and includes interactive forums concerning "professionalism".

MD 2 YEAR



Two Summer Rotations

Two four week summer rotations are spent in research laboratories to identify thesis preceptors.

InFocus weeks across all four years provide core curricula in topics critical to medical practice and biomedical research in the 21st century.

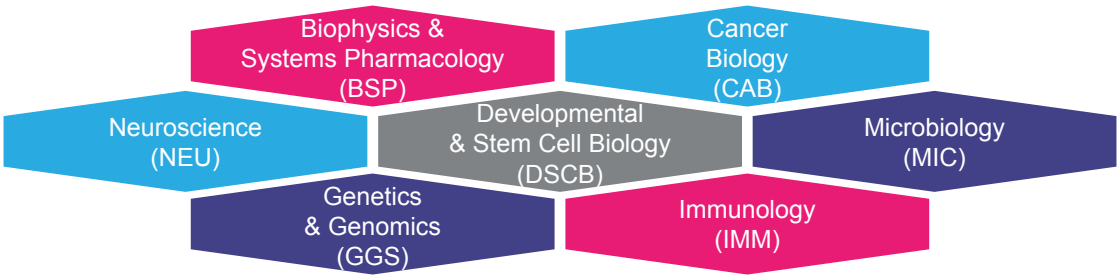
MD curriculum

PhD curriculum

MD/PhD unique curriculum

Medical Scientist Training Program Curriculum

PhD Programs: 7 Multidisciplinary Training Areas



MP 1 YEAR

MP2+ YEAR

MP Defense YEAR

USMLE Step 1

Thesis Lab Research

Thesis Proposal Exam

Thesis Defense

Journal Club, Departmental Seminars, MSGR

Advanced coursework: MTA curriculum

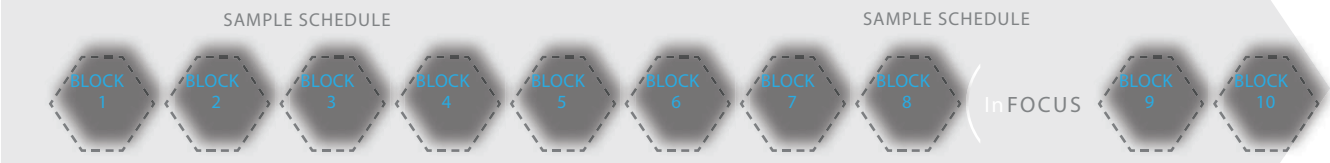
Clinical Refresher

Biostatistics

MD3 YEAR

Year 3 provides in-depth workplace-based learning in core clinical areas while providing an enhanced ten weeks of elective time for career exploration. The schedule is comprised of four 12-week modules and modules may be taken in any sequence. Students receive core competency training in ambulatory care across the lifespan, comprehensive care of the surgical patient, internal medicine, neurology, obstetrics and gynecology, pediatrics, and psychiatry. Select students also participate in a longitudinal integrated-clerkship grounded in the foundations of ambulatory medicine and chronic illness care.

MD4 YEAR



Year 4 prepares students for residency training through experiences designed to promote advanced knowledge and skill elective time for senior students to design a course of study that is both unique and defining. In addition, two innovative capstone experiences round out the year: the first focuses on preparation for supervised practice in residency, and the second promotes critical skill development and knowledge acquisition to prepare students for the opportunities and challenges of science and medical practice in the 21st century.

S AM PLE SCHEDULE

- Block 1: Step 2 CK Board Review Course, Tailor-made Elective
- Block 2: Surgery Sub-Internship
- Block 3: Research Elective
- Block 4: Emergency Medicine Clerkship
- Block 5: Body Imaging Elective
- Block 6: Interview Block
- Block 7: Away Elective
- Block 8: Global Health Elective
- Block 9: Introduction to Internship
- Block 10: Simulation Elective