Doctor of Medicine—Chicago (MDC)

Courses

MDC 601. Block 1: Body Systems and Homeostasis 1. 5 hours.
Covers the normal structure and function of the human body and how to monitor health status, the core concepts of foundational medical sciences, evidence-based medicine, and epidemiology and biostatistics to interpret scientific literature. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 602. Block 2: Pathogenesis. 6 hours.
Continue evidence-based medicine and professional development principles. Consideration of disease processes (e.g., inflammation, neoplasia) and study of the hematologic system, including coagulation. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 603. Block 3: Skin, Muscle, and Movement. 5 hours.
Organ system approach. Gross anatomy lab begins. The study of skin, muscle, bone anatomy and physiology. Orthopedic and rheumatologic issues, physical disability, pain management, appropriate use of testing and surgical interventions in conditions such as back pain. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 604. Block 4: Circulation and Respiration. 7 hours.
Fundamental physiologic and pharmacologic concepts in homeostasis. Introduction to common and significant health issues: coronary disease, asthma and chronic lung disease. Concepts in test utility, epidemiology, health systems, and health equity. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 605. Block 5: Digestion and Homeostasis 2. 5 hours.
Study of GI and renal systems. Hormonal physiology, exocrine aspects of GI function, endocrine issues such as diabetes and adrenal function. Health delivery systems and health equity issues of diabetes, chronic kidney disease and dialysis. Return to the study of biochemistry and nutrition. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 606. Block 6: Brain and Behavior. 8 hours.
Emphasis on the central nervous system, the special senses, and many aspects of normal and abnormal human development, psychology, and psychiatric disorders. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 607. Block 7: Regulation and Reproduction. 4 hours.
Completes the study of anatomy with a focus on the pelvic floor and reproductive organs; an additional focus on endocrine function provides another opportunity to spiral to a deeper understanding of these complex physiologic interactions. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 611. Doctoring and Clinical Skills 1. 4 hours.
Introduction to the care of patients. Classroom exercises small group discussion, skills practice with patient-instructors, simulation-based exercises, in-hospital practice of complete history and physical exam, and office-based primary care experience. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 612. Doctoring and Clinical Skills 2. 4 hours.
Introduction to the care of patients. Classroom exercises small group discussion, skills practice with patient-instructors, simulation-based exercises, in-hospital practice of complete history and physical exam, and office-based primary care experience. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 613. Doctoring Clinical Skills 3. 2 hours.
Introduction to the care of patients. Classroom exercises small group discussion, skills practice with patient-instructors, simulation-based exercises, in-hospital practice of complete history and physical exam, and office-based primary care experience. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 614. Doctoring and Clinical Skills 4. 4 hours.
Introduction to the care of patients. Classroom exercises small group discussion, skills practice with patient-instructors, simulation-based exercises, in-hospital practice of complete history and physical exam, and office-based primary care experience. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 615. Doctoring and Clinical Skills 5. 1 hour.
Introduction to the care of patients. Classroom exercises small group discussion, skills practice with patient-instructors, simulation-based exercises, in-hospital practice of complete history and physical exam, and office-based primary care experience. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 621. Synthesis 1-2. 2 hours.
Intervals for consolidating knowledge and planning learning. Interdependence of organ systems and management of multi-system diseases. Small-group sessions address professional identity formation, wellness, resilience, career discernment, and preparation for residency. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 622. Synthesis 3-4. 1 hour.
Intervals for consolidating knowledge and planning learning. Interdependence of organ systems and management of multi-system diseases. Small-group sessions address professional identity formation, wellness, resilience, career discernment, and preparation for residency. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 623. Synthesis 5-6. 1 hour.
Intervals for consolidating knowledge and planning learning. Interdependence of organ systems and management of multi-system diseases. Small-group sessions address professional identity formation, wellness, resilience, career discernment, and preparation for residency. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 624. Synthesis 7-8. 1 hour.
Intervals for consolidating knowledge and planning learning. Interdependence of organ systems and management of multi-system diseases. Small-group sessions address professional identity formation, wellness, resilience, career discernment, and preparation for residency. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 625. Block 8: Synthesis Capstone. 9 hours.
Intervals for consolidating knowledge and planning learning. Interdependence of organ systems and management of multi-system diseases. Small-group sessions address professional identity formation, wellness, resilience, career discernment, and preparation for residency. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 631. Medical Colloquia 1. 1 hour.
A varied menu of lectures, seminars, and brief presentations by faculty, students, and guest speakers from Illinois and around the world. Medically-related events in the news. Introduction to perspectives of other health professions, and a venue for topics in the Health, Illness and Society, Health Care Systems, and Professional Development themes. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 632. Medical Colloquia 2. 1 hour.
A varied menu of lectures, seminars, and brief presentations by faculty, students, and guest speakers from Illinois and around the world. Medically-related events in the news. Introduction to perspectives of other health professions, and a venue for topics in the Health, Illness & Society, Health Care Systems, and Professional Development themes. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 634. Medical Colloquia 4. 1 hour.
A varied menu of lectures, seminars, and brief presentations by faculty, students, and guest speakers from Illinois and around the world. Medically-related events in the news. Introduction to perspectives of other health professions, and a venue for topics in the Health, Illness & Society, Health Care Systems, and Professional Development themes. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 635. Medical Colloquia 5. 1 hour.
A varied menu of lectures, seminars, and brief presentations by faculty, students, and guest speakers from Illinois and around the world. Medically-related events in the news. Introduction to perspectives of other health professions, and a venue for topics in the Health, Illness & Society, Health Care Systems, and Professional Development themes. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 640. Transition to Clerkships. 2 hours.
Prepare for clerkships with immersion in clinical practice for one week and classroom and simulation experiences for the other week. Course Information: Prerequisite(s): Enrollment in the Doctor of Medicine program.

MDC 641. Clinical Connections and Competencies. 2 hours.
Reinforces clinical knowledge and skills in parallel with core clinical experiences of clerkships and electives. Course Information: May be repeated. Prerequisite(s): Completion of Phase 1 of Doctor of Medicine program.