

MEDICINE (MED)

MED 0100 - Molecular Foundations in Medicine

Credit(s): 1-4 Credits (Repeatable for credit)

MED 0101 - Clinical Interviewing

Credit(s): 1-15 Credits (Repeatable for credit)

In Clinical Interviewing, students will achieve the following goals: - Demonstrate effective patient interviewing skills - Adapt the clinical interview based on the impact of the social determinants of health - Engage in activities that promote professionalism and student wellness. To achieve these goals, the course is a combination of lecture, small group activities, standardized patient interviews, and self-directing learning. Course Directors and Instructors will weave the LCME standards hot topics, SLU SOM competencies, and ACGME Entrustable Professional Behaviors throughout the course, and content will come from best practices and national resources in medical student education.

MED 0102 - Clinical Diagnosis

Credit(s): 1-20 Credits (Repeatable for credit)

MED 0103 - Medical Business Ethics

Credit(s): 1-12 Credits (Repeatable for credit)

MED 0104 - Medicine & Society

Credit(s): 1 Credit

tbd.

MED 0105 - Fundamentals of Patient Safety

Credit(s): 1-3 Credits

This is a longitudinal course that begins in year 1 (HQI 0101) and concludes in year 2 (HQI 0201), when students receive a final grade. This course combines lectures with web-based courses to provide students with a foundational knowledge of the issues surrounding patient safety in today's healthcare system. <p> Students are required to create accounts on the Institute for Healthcare Improvement (IHI) website and complete two courses in the Open School: 1. Patient Safety and 2. Quality, Cost, and Value.

MED 0110 - Normal Structure and Function: Musculoskeletal

Credit(s): 1-8 Credits (Repeatable for credit)

MED 0120 - Normal Structure and Function: Thorax & Head

Credit(s): 1-6 Credits (Repeatable for credit)

MED 0130 - Normal Structure and Function: Abdomen & Pelvis

Credit(s): 1-4 Credits (Repeatable for credit)

MED 0140 - Introduction to Pathology

Credit(s): 3 Credits

The purpose of Introduction to Pathology is to introduce you to concepts and principles of general pathology, with a focus on patterns of cell and tissue response to injury, mechanisms of cell injury, the inflammatory process, thrombosis, neoplasia, normal and abnormal growth an development, and clinicopathologic correlation.

MED 0150 - Principles of Immunology, Pharmacology, and Therapeutics

Credit(s): 7 Credits

The immune system is essential to human health; without it we quickly develop overwhelming microbial infections and even partial immune compromise leads to telltale types of infection. Even with a properly functioning immune system, it is difficult to consistently maintain health without the physician's arsenal of anti-microbial therapies. You will learn about the ontogeny and normal functions of the immune system and, as with any bodily system, its dysfunctions. Drug therapies cannot be discussed without the underpinning principles of pharmacology. You will learn how drugs act on their target receptors, how drugs are absorbed and metabolized once administered to a.

MED 0160 - Brain & Behavior

Credit(s): 1-6 Credits (Repeatable for credit)

MED 0170 - Cardiovascular System

Credit(s): 4 Credits

This module is designed to examine several aspects of the cardiovascular system that are relevant to clinical practice.

MED 0200 - Hematology

Credit(s): 2 Credits

The primary goal of Hematology is to help you understand the clinical and pathophysiologic principles of benign and malignant hematologic disease. We will focus primarily on thrombosis and hemostasis, disorders of red blood cells, and malignant hematology. We will also cover the principles of transfusion medicine and relevant microbial pathogens. In addition to preparation for third year, we believe that the course will be invaluable in your participation for the Step 1 examination.

MED 0201 - Clinical Diagnosis

Credit(s): 1-20 Credits

MED 0202 - Clinical Diagnosis

Credit(s): 1-30 Credits (Repeatable for credit)

MED 0203 - Medical Business Ethics

Credit(s): 1-12 Credits (Repeatable for credit)

MED 0204 - Medicine & Society

Credit(s): 1 Credit

tbd.

MED 0205 - Fundamentals of Quality Improvement

Credit(s): 1-3 Credits

The course will use large group sessions and web-based modules from the Institute for Healthcare Improvement (IHI) Open School, along with case-based, patient discussions to develop skills and behaviors that contribute to healthcare quality improvement; understanding and navigating systems based practice, and leadership.

MED 0210 - Respiratory System

Credit(s): 4 Credits

Year-2 students learn Pulmonary Medicine in a systemic manner from the perspectives of anatomy and pathology (gross/histologic), physiology, pharmacology, infectious diseases, and molecular biology. The module is designed to prepare students to diagnose and treat patients of all ages (neonatal through geriatric).

MED 0220 - Renal Urinary System

Credit(s): 4 Credits

The Renal and Urinary Tract syllabus reflects the core information that the second year medical student should master to prepare for USMLE step 1 and clinical rotations in years 3 and 4. This is based on an exhaustive review of the literature coupled with extensive feedback from faculty and students.

MED 0230 - Gastrointestinal System

Credit(s): 4 Credits

The primary goal of this module is for you to learn the basic core of knowledge relating to gastrointestinal physiology, pathology, pharmacology, pathophysiology, elemental diagnostics, and disease prevention in a visually stimulating, concise, organized, and intellectually challenging way.

MED 0240 - Endocrine and Reproductive System

Credit(s): 4 Credits

This module is designed to provide a comprehensive overview of the endocrine system of the human body.

MED 0250 - Skin, Bone and Joint Module

Credit(s): 3 Credits

Course is an introduction to disorders of skin, bone, muscle, cartilage, and connective tissue. Specific clinical subtopics include dermatology, orthopedics, sports medicine, infectious agents, and rheumatologic disorders. Pathophysiologic/histologic features, clinical presentations, exam findings, and treatment concepts are addressed. Learning methodology includes lectures, supplemental readings, large group interactive demonstrations, and a skin biopsy lab.

MED 0251 - M2 Leadership and Facilitation

Credit(s): 3 Credits

Effective facilitation of group discussions is a key leadership skill. In this elective, M2s will serve as small group facilitators for the M1 MBE-103 course (which they have all participated in this academic year). In order to build their facilitation skill set, M2s will go through formal facilitation training where they will learn about and practice specific facilitation behaviors and skills. They will then serve as the small group facilitators for MBE-103 during the Fall Intersession. Please note, for scheduling reasons, Learning Community faculty will not facilitate the MBE-103 small group sessions in the AY22 year.