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 0206 - Self-Directed Learning Project II
Credit(s): 1 Credit
tbd.

MED 0207 - Autopsy Experience
Credit(s): 1 Credit
Every physician, regardless of specialty, must be aware of the information that an autopsy can provide physicians and families about their deceased patient or loved one. Moreover, all physicians must be able to accurately complete a death certificate when a patient dies while in their care. The M2 Autopsy Experience is mandatory for all M2 students. We believe it is an essential experience that provides students with the opportunity to view an autopsy being performed by pathologists in order for each student to understand the autopsy procedure, what questions the autopsy can answer and be able to explain to patients'.
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.