

# CURRICULUM OVERVIEW

YEAR ONE	YEAR TWO	YEAR THREE	YEAR FOUR
<p><b>All year:</b></p> <ul style="list-style-type: none"> <li>» Intro to Clinical Medicine 1 (ICM 1)</li> </ul> <p><b>19 weeks:</b></p> <ul style="list-style-type: none"> <li>» Clinical Anatomy, Development, &amp; Physical Examination</li> </ul> <p><b>16 weeks:</b></p> <ul style="list-style-type: none"> <li>» Molecular Basis of Life, Defense, &amp; Disease</li> </ul> <p><b>Two weeks:</b></p> <ul style="list-style-type: none"> <li>» Biostats</li> </ul>	<p><b>All year:</b></p> <ul style="list-style-type: none"> <li>» Intro to Clinical Medicine 2</li> </ul> <p><b>19 weeks:</b></p> <ul style="list-style-type: none"> <li>» Systems in Health &amp; Disease 1</li> </ul> <p><b>14 weeks:</b></p> <ul style="list-style-type: none"> <li>» Systems in Health &amp; Disease 2</li> </ul> <p><b>Step 1 Exam</b></p>	<p><b>CORE CLERKSHIPS (CONCURRENT)</b></p> <p><b>Eight weeks:</b></p> <ul style="list-style-type: none"> <li>» Surgery</li> <li>» Internal Medicine</li> </ul> <p><b>Six weeks:</b></p> <ul style="list-style-type: none"> <li>» Family Medicine</li> <li>» Obstetrics/Gynecology</li> <li>» Pediatrics</li> <li>» Psychiatry</li> <li>» Electives</li> </ul> <p><b>Four weeks:</b></p> <ul style="list-style-type: none"> <li>» Neurology</li> </ul>	<p><b>REQUIRED CLINICAL ROTATIONS (CONCURRENT)</b></p> <p><b>Four weeks:</b></p> <ul style="list-style-type: none"> <li>» Acting Internship</li> <li>» Ambulatory Rotation</li> </ul> <p><b>Two weeks:</b></p> <ul style="list-style-type: none"> <li>» Critical Care Rotation</li> </ul> <p><b>One week:</b></p> <ul style="list-style-type: none"> <li>» Palliative Care Rotation</li> </ul> <p><b>20-24 weeks:</b></p> <ul style="list-style-type: none"> <li>» Electives</li> </ul> <p><b>Also required:</b></p> <ul style="list-style-type: none"> <li>» Topics in Clinical Medicine</li> <li>» Advanced Cardiac Life Support</li> </ul> <p><b>Residency Interviews</b></p> <p><b>Step 2 CK Exam</b></p>

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## YEAR ONE

### **Clinical Anatomy, Development & Physical Examination (CADE)**

19-week course in fall semester that integrates Gross Anatomy, Embryology, and Physical Examination content by body region.

### **Molecular Basis of Life, Defense & Disease**

16-week course in spring semester that integrates foundational biochemistry, medical genetics, immunology, tissue and body fluid physiology, pathology, and pharmacology to introduce immunologic function in disease and health; normal cellular and tissue histology in health, injury, and healing; foundational microbiology; and mechanisms, diagnosis, and treatment of neoplastic and hematologic diseases.

### **Introduction to Biostatistics & Evidence-Based Medicine**

Two-week course in spring semester that concentrates principles of biomedical research, foundational statistics, medical informatics, and application of evidence to patient care.

### **Introduction to Clinical Medicine 1 (ICM 1)**

Year-long course that covers foundational patient interviewing skills, professionalism and ethics, medical system structure and health disparities, cultural competency, provision of health maintenance and use of health guidelines.

## YEAR THREE

Third Year core clerkships run concurrently throughout the academic year from July to June. The sequence of clerkships is organized on a track basis.

### **Core clerkships** include:

- » Six weeks of Family Medicine
- » Eight weeks of Internal Medicine
- » Four weeks of Neurology
- » Six weeks of Obstetrics and Gynecology
- » Six weeks of Pediatrics
- » Six weeks of Psychiatry
- » Eight weeks of Surgery

There is an **Advanced Clinical Medicine** course that meets periodically throughout the third year. In addition, there is a four-week block that can be used for electives or vacation.

## YEAR TWO

### **Systems in Health & Disease 1**

19-week course in fall semester that integrates the normal physiology of the cardiovascular, respiratory, renal, gastrointestinal, hepatobiliary, nutritional/metabolic, and endocrine systems with their pathophysiologic function in disease, progression from normal histologic appearance to pathologic appearance, infecting microbes, and applicable pharmacologic treatments.

### **Systems in Health & Disease 2**

14-week course in spring semester that integrates the normal physiology of the reproductive, dermatologic, musculoskeletal, and behavioral systems as well as neurologic system diseases with their pathophysiologic function in disease, progression from normal histologic appearance to pathologic appearance, infecting microbes, and applicable pharmacologic treatments.

### **Introduction to Clinical Medicine 2 (ICM 2)**

Year-long course that covers advanced clinical communication skills, specialized physical examination techniques, advanced medical ethics, medical socioeconomics and healthcare laws.

### **Elective**

Two credit hours of electives must be taken during second year.

## YEAR FOUR

Fourth Year runs concurrently throughout the academic year from July to early May.

Required **clinical rotations** include:



- » Four weeks of an Acting Internship
- » Four weeks of an Ambulatory Rotation
- » Two weeks of Critical Care
- » One week of Palliative Care
- » 20-24 weeks of electives

In addition, students must complete **Topics in Clinical Medicine** and **Advanced Cardiac Life Support** courses.

**UNIVERSITY OF LOUISVILLE  
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