

**Preclerkship Curriculum at a Glance**  
**University of Missouri School of Medicine**  
 Academic Year 2022-2023

<b>Year One</b>		
<b>Course Name</b>	<b>Content</b>	<b>Course Director(s)</b>
Block 1 Introduction to Patient Care (IPC)	Content and activities will focus on learning the structure and performance of a patient centered medical interview and establishing a collaborative doctor-patient relationship. Students will also be introduced to the process of diagnostic reasoning and addressing ethical issues.	Bruce Horwitz, Ph.D. Peter Koopman, M.D.
Block 1 Basic Science / Patient Based Learning (PBL)	Metabolism, molecular biology, genetics, pharmacological principles, nutrition, embryology, histology, and gross anatomy.	Peter Wilden, Ph.D.
COMPASS (Contemplating Medicine, Patients, Self, and Society)	Longitudinal small group course. Faculty facilitated small group sessions occur throughout all 4 years; addressing topics related to professional formation.	Lea Brandt, M.D. Jeffrey Stein, M.D.
Block 2 IPC	Basic physical examination skills, and knowledge underlying the exam.	James Koller, M.D.
Block 2 PBL	Structure and function of the pulmonary, cardiovascular, gastrointestinal, renal, and respiratory systems.	Maike Krenz, M.D.
Ambulatory Clinical Experience (ACE)	ACE is required during Blocks 2 through 4. During ACE, each student spends half a day three times per block with a role-model faculty or community physician-preceptor.	Nancy Mabe, M.D.
Block 3 IPC	Behavioral medicine, substance abuse, human sexuality, culture and health, and the dying patient.	Natalie Long, M.D.
Block 3 PBL	Neurophysiology and anatomy.	Luis Polo-Parada, Ph.D.
Block 4 IPC	Distribution and dynamics of disease, clinical epidemiology, risk, prevalence, incidence, disease outbreaks, diagnostic testing, and critically reading the literature.	Alicia Ludden-Schlatter, M.D.
Block 4 PBL	Microorganisms, immune response, reproductive structure and function, and the endocrine system.	Kevin Everett, Ph.D., Susan McKarns, Ph.D.
<b>Year Two</b>		
Block 5 IPC	Diagnostic tests, imaging, tests of function, differential diagnosis, and iterative hypothesis testing.	Clayton Butcher, M.D.
Block 5 PBL	Cell injury, hemodynamic disturbances, genetic disorders, neoplasia, infection, autoimmune disease, immune deficiency, and hypersensitivity.	John Cannon, Ph.D.

COMPASS	(See description above)	Lea Brandt, M.D. Jeffrey Stein, M.D.
Block 6 IPC	Normal psychosocial development, psychopathology, psychotherapy, psychopharmacology, when to refer, and psychosocial factors in aging.	Bruce Horwitz, Ph.D. Aneesh Tosh, M.D.
Block 6 PBL	Cardiovascular, respiratory, blood disorders, and nutritional diseases.	Scott Kinkade, M.D.
Advanced Physical Diagnosis (APD)	APD is required during Blocks 6 through 8. During APD, students are assigned to clinician mentors for the entire academic year. Times and frequency of meetings are at the discretion of the faculty member and the students; however, it is recommended that they meet at least twice each month. The emphasis of the APD experience is on history and physical exam skills and clinical reasoning.	Teresa Backes, M.D.
ACE	The Ambulatory Clinical Experience is available as an elective in blocks 6-8.	Nancy Mabe, M.D.
Block 7 IPC	Charts and notes, admission orders, writing prescriptions, adult and pediatric nutrition, venipuncture, infection control, IV access, fluids and electrolytes, and studies in ophthalmology.	Celso Velázquez, M.D.
Block 7 PBL	Gastrointestinal, liver, endocrine, renal, and genitourinary disorders.	Michael McCullough, M.D.
Block 8 IPC	Lifestyle balance, stress, careers in medicine, patient safety, current issues in health care, ethics, end-of-life care, and the changing health care system. Ward preparation: arterial puncture, lumbar puncture, bladder catheterization, endotracheal intubation and nasogastric tube placement.	Kari Martin, M.D.
Block 8 PBL	Clinical microbiology, antibiotics, reproductive pathology, musculoskeletal, and skin and nervous system disorders.	Julia Halsey, M.D.

#### Faculty Leaders

Faculty director of Introduction to Patient Care:  
Faculty director of PBL case development:  
Faculty director of preclerkship curriculum:  
Anatomy curriculum oversight director:  
Histology curriculum oversight director:  
Pathology curriculum oversight director:  
Pharmacology curriculum oversight director:

Carla Dyer, M.D.  
Celso Velázquez, M.D.  
Stephen Halenda, Ph.D.  
Kristina Aldridge, Ph.D.  
Deiter Duff, M.D.  
Shellaine Frazier, D.O.  
Alan Parrish, Ph.D.

#### Medical Education

Senior Associate Dean for Education:  
Associate Dean for Curriculum and Evaluation:  
Associate Dean for Student Programs:  
Associate Dean for Rural Health:  
M1/M2 Curriculum Coordinator:

Michael Hosokawa, Ed.D.  
Kevin Kane, M.D.  
Laine Young-Walker, M.D.  
Kathleen Quinn, Ph.D.  
Paige Runge