

Clinical Medicine II (PAST 546) - This is the second in a series of courses designed to provide a comprehensive study of diseases and disorders across the human lifespan including prenatal, infant, children, adolescents, adults, and elderly, applied to the principles of clinical medicine. Emphasis will be on disease processes common to preventative, emergent, acute, chronic, and rehabilitative patient encounters, serving as an introduction to evaluation, diagnosis, and management. This is a 12-week course that is predominantly lecture and case-based. This course will introduce students to the fundamentals of clinical medicine in the areas of Cardiology, Pulmonology, Nephrology, Gastroenterology, and Nutrition. *(6 Credits)*

Basic Science II (PAST 566) - This is the second in a series of courses that will introduce students to the fundamentals of medical physiology and pathophysiology across the human lifespan including prenatal, infant, children, adolescents, adults, and elderly. This course will introduce students to clinical medicine through the study of human physiology and the phenomena that produce alterations or pathology in human physiologic function. Content is delivered in an organ system-based approach with an emphasis on pathological processes common to emergent, acute, and chronic disease and is aligned with the clinical medicine series. This is an 11-week course that is lecture based with small group work and application activities. It will introduce students to the fundamental physiological and pathophysiological processes relevant to Cardiology, Pulmonology, Nephrology, Gastroenterology, and Nutrition. *(2 Credits)*

Clinical Pharmacotherapeutics II (PAST 576) - This is the second in a series of courses designed to provide a comprehensive study of clinical pharmacotherapeutics utilized across the human lifespan including prenatal, infant, children, adolescents, adults, and elderly. Emphasis will be on pharmacotherapeutics common to preventative, emergent, acute, chronic, and rehabilitative patient encounters. This is a 11-week course that is predominantly lecture and case-based. This course will introduce students to the fundamentals of clinical pharmacotherapeutics in the areas of Cardiology, Pulmonology, Nephrology, Gastroenterology, and Nutrition. *(1 Credits)*

Principles of Professional Practice III (PAST 520) - This course builds upon the principles learned in Principles of Professional Practice I and II (518A and 518B). Multiple teaching methods are used to engage students in learning about the health beliefs and health risks of a variety of cultures and special populations. The concepts of health promotion and disease prevention are explored further, and students continue to learn and apply the principles of effective patient-provider communication and health promotion. The course will also build upon the principles of professionalism and medical ethics discussed in the summer and fall terms. *(2 Credits)*

Clinical Medicine Tutorials II (PAST 516) - Clinical Medicine Tutorials II is the second of a three-term course designed to facilitate the development of clinical reasoning skills.

This course utilizes a problem-based learning (PBL) format with small groups of 6-8 students and a faculty facilitator. A fictional family is followed throughout the year whose members seek care for a variety of medical conditions commonly seen in an ambulatory setting. Students are divided into groups with a faculty facilitator. Each week, one or more of these "patients" is seen for a particular medical problem, and students work as a group to address various aspects of the patient's case. By working through these cases, students learn to formulate differential diagnoses, order and interpret diagnostic tests, and develop assessments and treatment plans. Additional aspects of clinical practice are discussed and practiced including collection a history, writing an HPI, case presentations, providing patient education and prescription writing. Researching and applying evidenced-based medicine to guide their medical decision-making is emphasized. *(3 Credits)*

Clinical Practicum II (PAST 509A) - This is the second of a three-term course designed to provide students opportunities to apply their developing knowledge and skills in real and simulated clinical settings. This course builds upon the themes introduced in the first term with continued interactive learning and specialized workshops that provide hands-on experiences for the demonstration and application of clinical topics. Applying the concepts of evidence-based medicine to hypothetical case scenarios will reinforce students' ability to apply sound clinical reasoning to patient care. When possible, these sessions will augment the material being taught in the Clinical Medicine courses. In addition to didactic and small group activities, students will continue to work directly with patients in clinic-based experiences working with a PA or physician "mentor". *(3 Credits)*

Foundations of Patient Safety and Interprofessional Practice (IPE 501) - The Foundations of Patient Safety and Interprofessional Practice series (IPE 401, 501, 601 & 701) introduces early healthcare learners to the four core competencies of interprofessional education: Competency 1: Values/ ethics for interprofessional practice, Competency 2: Roles and responsibilities for collaborative practice, Competency 3: Interprofessional communication practice (CC), Competency 4: Interprofessional teamwork and team-based practice. Learners collaborate to learn the foundations of patient safety and how working together can improve patient care outcomes. *(0 Credits)*