

PHYSICIANS ASSOCIATE (PA)

PA 7101. Introduction to Patient Care. 1 Credit Hour.

Prerequisites: Admission to PA Program This course introduces Physician Associate students to patient-centered care, focusing on clinical encounters, communication skills, health histories, physical exams, clinical reasoning, and health maintenance. Students will gain foundational skills for performing assessments, developing care plans, promoting preventative care, and preparing them to provide empathetic, high-quality healthcare. (SU, I)

Course Type: Lecture

PA 7106. Clinical Medicine I. 6 Credit Hours.

Prerequisites: Enrollment in PA Program Given a list of disease states students will be able to identify signs and symptoms, develop a differential diagnosis, order lab and imaging studies and form a treatment plan for Otorhinolaryngology, Endocrinology, Dermatology and Obstetrics and Gynecology disorders.

Course Type: Lecture

PA 7114. Clinical Medicine IV. 4 Credit Hours.

Prerequisites: Admission into the PA Program Clinical Medicine IV introduces the physician associate student to disease states within the following medical disciplines: Pediatrics and Emergency Medicine. This course also contains a summative capstone module. The student will develop a working knowledge of the etiology, prevention, clinical presentation, diagnostic evaluation, treatment, and monitoring of diseases. (Summer II)

Course Type: Lecture

PA 7115. Clinical Medicine III. 5 Credit Hours.

Prerequisites: Admission to the PA Program Clinical Medicine III introduces the physician associate student to disease states within the following medical disciplines: Electrocardiography, Cardiology, Pulmonology, Hematology, and Infectious Disease. The student will develop a working knowledge of the etiology, prevention, clinical presentation, diagnostic evaluation, treatment, and monitoring of diseases within these areas of medicine. (Summer II)

Course Type: Lecture

PA 7116. Clinical Medicine II. 6 Credit Hours.

Prerequisites: Admission to the PA Program Using an organ-system based approach, the Clinical Medicine II course is designed to educate the student in the presentation, diagnosis, management and treatment of the most common clinical conditions seen by health care providers. The systems covered in Clinical Medicine II include the following: Neurology, Orthopedics, Gastroenterology and Genitourinary.

Course Type: Lecture

PA 7122. Principles of Psychiatric and Behavioral Medicine. 2 Credit Hours.

Prerequisites: Admission to the PA Program May be repeated; maximum credit 2 hours. This course introduces the Physician Associate student to the psychiatric patient. Topics covered include individual growth and development; interview techniques, theories of personality and psychopathology and treatment of psychiatric disorders. (Summer II)

Course Type: Lecture

PA 7124. Physical Diagnosis. 4 Credit Hours.

Prerequisites: Admission to the PA Program This course will equip Physician Associate students with the skills to perform comprehensive physical examinations, identify normal and abnormal findings, and document results accurately. Students will build a strong foundation for patient assessment and contribute effectively to clinical decision-making within a healthcare team. (F; I)

Course Type: Lecture

PA 7127. Clinical Anatomy. 7 Credit Hours.

Prerequisites: Enrollment in the PA Program Course will present human structure from its embryologic development to its adult form to students enrolled in the Physician Associate Programs. All regions of the body will be studied and emphasis will be on clinical application. Lectures will be supported by laboratory dissections, on-line resources and on-line assessment quizzes.

Course Type: Lecture

PA 7134. Pathophysiology. 4 Credit Hours.

Prerequisites: Admissions to the PA Program The course examines histology, embryology, genetics, pathogenesis, pathophysiology of underlying disease mechanisms, and pathology in a systems based approach. The course provides a basis for understanding how diseases originate and progress within the body's systems. (SP I)

Course Type: Lecture

PA 7144. Radiology. 4 Credit Hours.

Prerequisites: Admissions to the PA Program This course familiarizes the Physician Associate student with various radiological procedures and findings utilized in the clinical setting. Students will learn about conventional x-ray, computerized tomography, tomography, angiography, , sonography, fluoroscopy, magnetic resonance imaging and radioisotope scanning using a problem solving approach.

Course Type: Lecture

PA 7154. Physician Associate Clinical Skills I. 4 Credit Hours.

Prerequisites: Admissions to the PA Program This course is the first in a two semester course series designed to familiarize the student with clinical decision making aspects of medicine skills needed to interact with patients in a structured experience, interviewing techniques and ways of relating to patients in the clinical setting as well as clinical procedures.

Course Type: Lecture

PA 7156. Human Physiology. 6 Credit Hours.

Prerequisites: Enrollment in PA Program The course is an integrated approach to the understanding of the functions of the major organ systems, including the cardiovascular, respiratory, renal gastrointestinal, endocrine, reproductive, muscle and nervous systems.

Course Type: Lecture

PA 7164. Physician Associate Clinical Skills II. 4 Credit Hours.

Prerequisites: Admission to PA Program This course is the second in a two semester course series designed to familiarize the student with clinical decision making aspect of medicine, skills needed to interact with patients in a structured experience, interviewing techniques and ways of relating to patients in the clinical setting as well as clinical procedures.

Course Type: Lecture

PA 7183. Laboratory Medicine. 3 Credit Hours.

Prerequisites: Enrollment in PA Program Laboratory Medicine is a comprehensive review of the indications for ordering, interpreting normal and abnormal values and correlation of lab data in health and disease. The course is presented according to organ systems and serves as an introduction for students to begin utilizing laboratory data in disease diagnosis and management.

Course Type: Lecture

PA 7712. Clinical Inquiry and Scholarly Research. 2 Credit Hours.

Prerequisites: Admissions to the PA Program Year-long course The course is designed to allow the Physician Associate student to identify an area of interest related to health care delivery or a specific disease process, research the area and write and present a paper over the topic.

Course Type: Lecture

PA 7732. Medical Practice Management. 2 Credit Hours.

Prerequisites: Admissions to the PA Program Student will be introduced to the principles and knowledge that govern practice management, participate in service learning opportunities.

Course Type: Lecture

PA 7740. Special Studies. 1-8 Credit Hours.

Prerequisites: Enrollment in the PA Program May be repeated; maximum credit 8 hours. This course is designed to remediate a student's deficiencies documented in their course failure.

Course Type: Lecture

PA 7811. Focuses in PA Practice I. 1 Credit Hour.

Prerequisites: Admission to PA Program. This course is designed to provide an introduction to biostatistics and epidemiology. Emphasis will be placed on students being able to apply information taught to the interpretation and critique of clinically relevant research manuscripts.

Course Type: Lecture

PA 7812. Foundations of Medical Sciences I. 2 Credit Hours.

Prerequisites: Admission to PA Program. Foundations in Medical Sciences I introduces essential concepts in the foundational scientific disciplines of biochemistry, cell biology, human genetics, and molecular biology. The course provides a foundation in the basic science disciplines required to comprehend the molecular basis of life and its relevance to clinical medicine. (SU I)

Course Type: Lecture

PA 7821. Focuses in PA Practice II. 1 Credit Hour.

Prerequisites: Admission to PA Program. This course is designed to present topics relevant to health care delivery as a PA. Topics include health care delivery in Oklahoma focusing on an interdisciplinary approach, medical ethics, history of the profession and Program, medical ethics, professionalism and complimentary medicine.

Course Type: Lecture

PA 7822. Foundations of Medical Sciences II. 2 Credit Hours.

Prerequisites: Admission to PA Program. Foundations in Medical Sciences II introduces essential concepts in the foundational scientific disciplines of immunology, microbiology, introductory pathology, and pharmacology. This course provides a comprehensive understanding of the immune system, microbial pathogens, basic disease mechanisms, and pharmacological fundamentals crucial for the study of clinical medicine. (F I)

Course Type: Lecture

PA 7831. Focuses in PA Practice III. 1 Credit Hour.

Prerequisites: Admissions to PA Program. This course is designed to present topics relevant to health care delivery as a PA. Topics include health care delivery in Oklahoma focusing on cultural awareness and public health.

Course Type: Lecture

PA 7861. Pharmacotherapeutics I. 1 Credit Hour.

Prerequisites: Admissions to PA Program. This course in pharmacotherapeutics introduces students to basic drug knowledge and skills needed to use medications safely and appropriately to treat common disorders. Topics of focus include drug mechanisms of action, common adverse effects, interactions, and principles for selecting and monitoring drug therapy for selected diseases.

Course Type: Lecture

PA 7874. Pharmacotherapeutics II. 4 Credit Hours.

Prerequisites: Admissions to PA Program. This course in pharmacotherapeutics introduces students to basic drug knowledge and skills needed to use medications safely and appropriately to treat common disorders. Topics of focus include drug mechanisms of action, common adverse effects, interactions, and principles for selecting and monitoring drug therapy for selected diseases.

Course Type: Lecture

PA 7881. Didactic Summative for Physician Associate Students. 1 Credit Hour.

Prerequisites: Admission to PA Program. This course is designed to assess a student's readiness to progress to the clinical phase of PA education. It provides the student with feedback on their current competence in medical knowledge, professionalism, interpersonal skills and patient care which will guide their preparation for the Physician Assistant National Certifying Exam (PANCE).

Course Type: Independent Study

PA 7882. Senior Summative for Physician Associate Students. 2 Credit Hours.

Prerequisites: Admission to PA Program. Year-long course This course is designed to assist students in preparation for the Physician Assistant National Certifying Exam (PANCE) and assess their readiness to graduate and enter clinical practice. A component of the course is the Senior Summative exam composed of a medical knowledge exam and four objective structured clinical experiences (OSCE).

Course Type: Lecture

PA 7904. Internal Medicine. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. A four-week rotation in the internal medicine services.

Course Type: Clinical

PA 7914. Surgery. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. A four-week rotation on a general surgery service learning surgical consults, surgical history and physical examination, aseptic technique, surgical assisting, and how to manage pre- and post-operative patients.

Course Type: Clinical

PA 7924. Emergency Medicine I/II. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. May be repeated; maximum credit 8 hours. A total of two four-week rotations in a hospital emergency department, evaluating acute medical and surgical emergencies. Efficient, accurate, and methodical evaluation of the acutely ill or injured patient will be emphasized.

Course Type: Clinical

PA 7934. Women's Health. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. A four week rotation in Women's Health to include prenatal and gynecologic care.

Course Type: Clinical

PA 7944. Pediatrics. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. A four-week rotation in a pediatric practice caring for the pediatric patient.

Course Type: Clinical

PA 7954. Clinical Elective I/II. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. May be repeated; maximum credit 8 hours. A total of two four-week rotations in any medicine or surgical specialty, currently offered and available in an inpatient or outpatient setting.

Course Type: Clinical

PA 7964. Primary Care I/II. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. May be repeated; maximum credit 8 hours. A total of two, four-week rotations with an active primary care provider, participating in all aspects of primary care for the practice.

Course Type: Clinical

PA 7974. Mental Health. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase. A four-week clinical rotation in a mental health facility or private psychiatric practice evaluating behavioral and mental health conditions.

Course Type: Clinical

PA 7984. Physician Associate Preceptorship. 4 Credit Hours.

May be repeated; maximum credit 12 hours. The final clinical experience for the Physician Associate student, lasting four weeks, designed to familiarize the student with a wide variety of medical problems likely to be seen in primary care with exposure to historical physical, and laboratory data relevant to common disease states in order to develop and refine techniques of patient management.

Course Type: Clinical

PA 7994. Inpatient Medicine. 4 Credit Hours.

Prerequisites: Successful completion of didactic phase and didactic summative. A four week rotation in any medicine or surgical specialty that includes an inpatient setting. (Summer, Fall, & Spring II, III)

Course Type: Clinical