

PHYSICIANS ASSISTANT (PAST)

Courses

PAST 501. Anatomy for Physician Assistants I. 2 Units.

First of three courses in anatomy for physician assistants. Study of the anatomical structure of the human body by organ system. Includes dissection of cadavers and preserved specimens; and, histology, anatomic relations, and the anatomical basis for disease, injury and dysfunction.

PAST 502. Anatomy for Physician Assistants II. 2 Units.

Second of three courses in anatomy for physician assistants. Study of the anatomical structure of the human body by organ system. Includes dissection of cadavers and preserved specimens; and, histology, anatomic relations, and the anatomical basis for disease, injury and dysfunction. Prerequisite: PAST 501.

PAST 503. Anatomy for Physician Assistants III. 2 Units.

Third of three courses in anatomy for physician assistants. Study of the anatomical structure of the human body by organ system. Includes dissection of cadavers and preserved specimens; and, histology, anatomic relations, and the anatomical basis for disease, injury and dysfunction. Prerequisite: PAST 501, PAST 502.

PAST 504. Primary Care Pediatrics. 3 Units.

Introduces common medical and surgical disorders encountered in pediatric medicine. Emphasizes primary care concepts in the care of children. Introduces rare disorders that the physician assistant may encounter in primary care. Presentation of disease processes mirrors adult medicine by discussing etiology, pathophysiology, clinical presentation, diagnostic work-up, and management.

PAST 505. Women's Health Care. 3 Units.

Common problems encountered in caring for women; management of these problems. Etiology, pathophysiology, clinical presentation, and diagnostic work-up.

PAST 511. Pharmacology for Physician Assistants I. 2 Units.

The first of three parts of a continuum of courses that study the basic concepts of pharmaceuticals used in the diagnosis, prevention, and treatment of diseases—including a systematic presentation of pharmacology and the therapeutic value of the drugs used in medicine. Related topics include drug legislation, routes of administration, adverse effects, drug interactions, and drug toxicity, with special consideration to pediatric and geriatric pharmacology.

PAST 512. Pharmacology for Physician Assistants II. 2 Units.

The second of three parts of a continuum of courses that studies the basic concepts of pharmaceuticals used in the diagnosis, prevention, and treatment of diseases—including a systematic presentation of pharmacology, and the therapeutic value of the drugs used in medicine. Related topics include drug legislation, routes of administration, adverse effects, drug interactions, and drug toxicity, with special consideration to pediatric and geriatric pharmacology. Prerequisite: PAST 511.

PAST 513. Pharmacology for Physician Assistants III. 2 Units.

The third of three parts of a continuum of courses that studies the basic concepts of pharmaceuticals used in the diagnosis, prevention, and treatment of diseases—including a systematic presentation of pharmacology and the therapeutic value of the drugs used in medicine. Related topics include drug legislation, routes of administration, adverse effects, drug interactions, and drug toxicity, with special consideration of pediatric and geriatric pharmacology. Prerequisite: PAST 511, PAST 512.

PAST 516A. Physician Assistant Professional Issues. 1 Unit.

A history of the physician assistant (PA) profession and current trends and issues. Includes the PA's role in health-care delivery, political, legal, and intraprofessional factors that affect PA practice, and the PA's role in relation to physicians and other health-care providers. Addresses professional responsibility and biomedical ethics, professional organizations, program accreditation, graduate certification and recertification, employment consideration.

PAST 516B. Physician Assistant Professional Issues. 1 Unit.

Continues PAST 516A. Prerequisite: PAST 516A.

PAST 530. Diagnostic Techniques for Physician Assistants I. 2 Units.

Introduces laboratory investigations and imaging techniques used to confirm or exclude probable diagnoses. Acquire and apply knowledge, skills and medical reasoning required to select both screening and confirmatory tests in a medically sound, cost-effective manner.

PAST 531. Diagnostic Techniques for Physician Assistants II. 2 Units.

Introduces and applies laboratory investigations and imaging techniques used to confirm or exclude probable diagnoses. Acquire and apply knowledge, skills and medical reasoning required to select both screening and confirmatory tests in a medically sound, cost-effective manner. Prerequisite: PAST 530.

PAST 532. Diagnostic Techniques for Physician Assistants III. 2 Units.

Introduces and applies laboratory investigations and imaging techniques used to confirm or exclude probable diagnoses. Acquire and apply knowledge, skills and medical reasoning required to select both screening and confirmatory tests in a medically sound, cost-effective manner. Prerequisite: PAST 530, PAST 531.

PAST 547. Basic Medical Science. 3 Units.

Provides an overview of scientific principles as they pertain to the practice of clinical medicine. Emphasizes microorganisms commonly encountered by physician assistants in clinical practice. Provides a foundation for principles of clinical medicine and pharmacology.

PAST 551. Normal and Pathologic Physiology for Physician Assistants I. 2 Units.

Exploration of normal physiological function from a systems-based medical perspective which serves as a foundation for understanding the process of disease. Includes etiology, pathogenesis, and clinical manifestations of medical disorders.

PAST 552. Normal and Pathologic Physiology for Physician Assistants II. 2 Units.

Exploration of normal physiological function from a systems-based medical perspective which serves as a foundation for understanding the process of disease. Includes etiology, pathogenesis, and clinical manifestations of medical disorders. Prerequisite: PAST 551.

PAST 553. Normal and Pathologic Physiology for Physician Assistants III. 2 Units.

Exploration of normal physiological function from a systems-based medical perspective which serves as a foundation for understanding the process of disease. Includes etiology, pathogenesis, and clinical manifestations of medical disorders. Prerequisite: PAST 551, PAST 552.

PAST 554. Clinical Skills for Physician Assistants. 4 Units.

Introduces the basic skills and knowledge needed to evaluate and treat common illnesses and injuries. Safety, aseptic technique, ACLS, airway management, wound care, local anesthesia, injections, suturing, casting, splinting, use of various tubes and drains, basic emergency medicine skills, and basic surgical skills for physician assistants are covered. Includes participation in clinical simulations for enhanced skill development. .

PAST 556. Preventive Medicine and Health Promotion. 2 Units.

Selected topics dealing with disease prevention. Includes relevance of statistics, epidemiology, research designs, and clinical trials; and, disease trends and lifestyle modification. Examines the roles of physical activity, nutrition, immunization, and public health as approaches in communicable disease prevention. Addresses clinical preventive services leading to tailored health maintenance plans for individual patients.

PAST 558. Psychiatry for Physician Assistants. 3 Units.

Focuses on diagnosis and treatment of major psychiatric and mental disorders. Topics include depression, anxiety, phobias, substance and eating disorders, somatoform, psychoses, neuroses, and personality disorders.

PAST 571. Integrative Spanish for Physician Assistants. 3 Units.

Reviews and evaluates strategies for providing culturally and linguistically competent care in clinical practice. Emphasizes care of the Spanish-speaking patient. Includes interactive language lab using Spanish-speaking subjects. Students perform a mock OSCE capstone in Spanish at quarters end.

PAST 572. Culture and Community for Physician Assistants. 3 Units.

Emphasizes health and medicine. Obtain cross-cultural experience while interacting with non-English-speaking patients, and gaining a greater understanding of patient culture. Requires completion of a community-based service project and immersion within local community.

PAST 575. Clinical Correlation for Physician Assistants I. 1 Unit.

Addresses critical thought process needed for diagnosis and management of clinical problems.

PAST 576. Clinical Correlation for Physician Assistants II. 1 Unit.

Teaches students to apply knowledge gained throughout the didactic curriculum via an interactive learning experience. Emphasizes the critical thought process needed for diagnosis and management of clinical problems. Prerequisite: PAST 575.

PAST 577. Clinical Correlation for Physician Assistants III. 1 Unit.

Emphasizes critical thought process needed for diagnosis and management of clinical problems. Prerequisite: PAST 575, PAST 576.

PAST 578. Clinical Correlation for Physician Assistants IV. 1 Unit.

Emphasizes the critical thought process needed for diagnosis and management of clinical problems. Prerequisite: PAST 575, PAST 576, PAST 577.

PAST 581. Physical Diagnosis for Physician Assistants I. 2 Units.

Part one of a four-part sequence of lecture, demonstration, and practice in the art and science of obtaining a complete medical history and performing the physical examination.

PAST 582. Physical Diagnosis for Physician Assistants II. 3 Units.

Part two of a four-part sequence of lecture, demonstration, and practice in the art and science of obtaining a complete medical history and performing the physical examination. Prerequisite: PAST 581.

PAST 583. Physical Diagnosis for Physician Assistants III. 2 Units.

Part three of a four-part sequence of lecture, demonstration, and practice in the art and science of obtaining a complete medical history and performing the physical examination. Prerequisite: PAST 582.

PAST 584. Physical Diagnosis for Physician Assistants IV. 2 Units.

Part four of a four-part sequence of lecture, demonstration, and practice in the art and science of obtaining a complete medical history and performing the physical examination. Requires satisfactory completion of the comprehensive physical examination and the didactic year objective structured clinical examination (OSCE). Prerequisite: PAST 583.

PAST 591. Clinical Medicine for Physician Assistants I. 3 Units.

Introduction to common medical disorders encountered in primary care and management of these disorders. Includes, clinical presentation, etiology, pathophysiology, diagnostic work-up, and management of the conditions studied. Based upon NCCPA blueprint standards.

PAST 592. Clinical Medicine for Physician Assistants II. 3 Units.

Second of four courses that study common medical disorders encountered in primary care, as well as the management of these disorders. Includes the clinical presentation, etiology, pathophysiology, diagnostic work-up, and management of the conditions studied. Course objectives and specific learning objectives based on NCCPA blueprint. Prerequisite: PAST 591.

PAST 593. Clinical Medicine for Physician Assistants III. 3 Units.

Third of four courses that study common medical disorders encountered in primary care, as well as the management of these disorders. Includes the clinical presentation, etiology, pathophysiology, diagnostic work-up, and management of the conditions studied. Course objectives and specific learning objectives based upon NCCPA blueprint. Prerequisite: PAST 591, PAST 592.

PAST 594. Clinical Medicine for Physician Assistants IV. 2 Units.

Fourth of four courses that study common medical disorders encountered in primary care, as well as the management of these disorders. Includes the clinical presentation, etiology, pathophysiology, diagnostic work-up, and management of the conditions studied. Course objectives and specific learning objectives based upon NCCPA blueprint. Prerequisite: PAST 591, PAST 592, PAST 593.

PAST 601. Evidence-Based Medicine for Physician Assistants I. 2 Units.

Introduces student to evidence-based practice, emphasizing the use of medical literature to evaluate and improve the practice of clinical medicine. Teaches student to assess medically oriented information online, as well as evidence-based medicine databases.

PAST 602. Evidence-Based Medicine for Physician Assistants II. 2 Units.

Application of evidence-based medicine to the development of a literature review on a selected topic in physician assistant practice. Begins in Winter Quarter with completion in the Summer Quarter. Preparation for the Capstone project. Prerequisite: PAST 601.

PAST 603A. Capstone. 1 Unit.

Investigation of topic related to area of interest within primary care or PA profession using evidence-based approach. Includes completion of capstone project and personal portfolio reflective of university values. Prerequisite: PAST 602.

PAST 603B. Capstone. 1 Unit.

Continues PAST 603A. Prerequisite: PAST 603A.

PAST 701. Rotation I. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotations through a medical or surgical service of choice.

PAST 702. Rotation II. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotation through a medical or surgical service of choice.

PAST 703. Rotation III. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotation through a medical or surgical service of choice.

PAST 704. Rotation IV. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotation through a medical or surgical service of choice.

PAST 705. Rotation V. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotation through a medical or surgical service of choice.

PAST 706. Rotation VI. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotation through a medical or surgical service of choice.

PAST 707. Rotation VII. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotation through a medical or surgical service of choice.

PAST 708. Rotation VIII. 6 Units.

A required six-week rotation in outpatient and/or inpatient settings in any of the following areas of concentration: family medicine, internal medicine, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, psychiatry/behavioral medicine; and elective rotation through a medical or surgical service of choice.