

PHYSICIAN ASSISTANT (PAS)

PAS 301 Introduction to Clinical Medicine I (5 credits)

This is the first in a three semester sequenced course focusing on the study of disease. Emphasis is on the integration of essential anatomy, physiology, pathophysiology, microbiology, pharmacology, and medical terminology relevant to medical problems encountered in the primary care setting. Through lecture and case-based formats, the student will acquire the skills to formulate diagnoses, order and interpret diagnostic tests, compose management plans, implement treatment and provide appropriate patient education.

Course Rotation: NYC: Fall

PAS 302 Introduction to Clinical Medicine II (5 credits)

This is the second in a three semester sequenced course focusing on the study of disease. Emphasis is on the integration of essential anatomy, physiology, pathophysiology, microbiology, pharmacology, and medical terminology relevant to medical problems encountered in the primary care setting. Through lecture and case-based formats, the student will acquire the skills to formulate diagnoses, order and interpret diagnostic tests, compose management plans, implement treatment and provide appropriate patient education.

Course Rotation: NYC: Spring

PAS 303 Introduction to Clinical Medicine III (4 credits)

This is the final in a three semester sequenced course focusing on the study of disease. Emphasis is on the integration of essential anatomy, physiology, pathophysiology, microbiology, pharmacology, and medical terminology relevant to medical problems encountered in the primary care setting. Through lecture and case-based formats, the student will acquire the skills to formulate diagnoses, order and interpret diagnostic tests, compose management plans, implement treatment and provide appropriate patient education.

Course Rotation: NYC: Summer.

PAS 304 Basic and Laboratory Sciences I (2 credits)

This is the first of a two semester sequenced course focusing on laboratory diagnostic test interpretation to encompass the exploration of relevant physiology and pathophysiology. Topics covered will include an introduction to cell biology, the principles of laboratory testing, immunology, serology, virology, microbiology, hematology, coagulation, immunohematology, and pulmonary function tests.

Course Rotation: NYC: Fall

PAS 305 Basic and Laboratory Sciences II (2 credits)

: This is the second in a two semester sequenced course focusing on laboratory diagnostic test interpretation to encompass the exploration of relevant physiology and pathophysiology. Topics covered will include lipid disorders, cardiac markers, metabolic chemistry panels, cerebrospinal fluid analysis, acid base disturbances, endocrine disorders, renal function tests and urinalysis.

Course Rotation: : NYC: Spring

PAS 306 Clinical Application I (4 credits)

This is the first in a two-semester sequenced course focusing on the medical interview and physical examination techniques to foster development of adequate diagnostic skills. Students will be involved in direct patient encounters throughout the semester.

Course Rotation: NYC: Fall

PAS 307 Clinical Application II (4 credits)

This is the second in a two-semester sequenced course focusing on the medical interview and advanced physical examination skills. Basic clinical procedures such as injections, phlebotomy, IV insertion, lumbar puncture, nasogastric tube insertion, urinary catheterization, suturing, wound care, casting and others will be taught.

Course Rotation: NYC: Spring.

PAS 310 Psychosocial Medicine (2 credits)

This course will study the diverse cultural, ethical and psychosocial issues that affect the medical interview and the evolving patient-physician assistant relationship. Topics include the medical interview, dealing with difficult patients and psychosocial factors affecting disease.

Course Rotation: NYC: Summer II.

PAS 311 Professional Issues for the Physician Assistant (2 credits)

This course will examine legal, ethical, and professional issues that confront the physician assistant. Topics include the history and development of the profession, professional liability, prescription privileges, certification and licensure issues, medical and professional ethics, conflict resolution, public speaking and presentation skills.

Course Rotation: NYC: Summer II.

PAS 312 Clinical Anatomy I (3 credits)

This is the first in a two-semester sequenced course focusing on functional and applied human anatomy and presented on a regional basis. Pro-section cadaver labs are included within the framework of the course along with models and audiovisual aids to supplement the lecture material. Applied learning based on clinically relevant anatomy "cases" will be emphasized.

Course Rotation: NYC: Fall

PAS 313 Clinical Anatomy II (3 credits)

This is the second in a two-semester sequenced course focusing on functional and applied human anatomy and presented on a regional basis. Prosection cadaver labs are included within the framework of the course along with models and audiovisual aids to supplement the lecture material. Applied learning based on clinically relevant anatomy "cases" will be emphasized.

Course Rotation: NYC: Spring

PAS 314 Epidemiology and Preventive Medicine (1 credits)

This course will present a study of established and emerging public health issues within the framework of basic epidemiology using an evidence-based format. Students will apply statistics and computer skills to search and critically analyze the medical literature. Topics include basic epidemiological principles and current preventive medicine guidelines.

Course Rotation: NYC: Spring

PAS 315 Pediatrics and Adolescent Primary Care (3 credits)

This course is designed to provide an overview of primary care pediatrics (from birth through adolescence). The course, taught in lecture and case-based learning formats, will focus on: well-child care, immunizations and screening programs, nutrition, developmental disabilities and behavioral problems as well as the full range of medical problems encountered in infants, children, and adolescents.

Course Rotation: NYC: Summer II.

PAS 316 Emergency Medicine (3 credits)

This course provides a broad overview of potentially life-threatening injuries or illnesses commonly seen in the Emergency Department and/or the general surgical setting. Focus will be on recognition of and distinction between urgent and emergent conditions, and stabilization, treatment or triage of these conditions. Students will be given the opportunity to complete a Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) for certification.

Course Rotation: NYC: Summer I.

PAS 317 Geriatrics (1 credits)

This course will provide a broad overview of the principles of geriatric medicine from the primary care perspective and will focus on identifying clinical problems unique to the aging population. Emphasis will be on the normal characteristics of aging as well as specific geriatric syndromes, medical problems, and psychosocial issues commonly encountered in clinical practice.

Course Rotation: NYC: Summer I.

PAS 395 Independent Study-Physician Assistant Program (2-4 credits)**PAS 400A Physician Assistant Hospital Clerkship I (12 credits)****PAS 400B Physician Assistant Hospital Clerkship II (10 credits)****PAS 401 Internal Medicine Clerkship (3 credits)**

This supervised clinical course provides the student with an opportunity to see a variety of medical complaints or concerns primarily in the inpatient setting. The clerkship allows the students to become familiar with the in-house continuity of care of acute and chronic patients.

Course Rotation: NYC: Fall, Spring, and Summer.

PAS 402 Pediatrics Clerkship (3 credits)

This supervised clinical course provides the student with an opportunity to participate in the care of a variety of pediatric medical complaints and concerns. The student will be exposed to not only the ill child, but also to the well child development and growth within the family unit and in peer interactions.

Course Rotation: NYC: Fall, Spring, and Summer.

PAS 403 Obstetrics/Gynecology Clerkship (3 credits)

This supervised clinical course provides the student with an opportunity to participate in the care of a variety of patients with obstetric or gynecological complaints. The student will become proficient in accurate assessment of the obstetric patient with emphasis on pre and post natal care as well as labor and delivery. The experience will include the practice of "preventive" obstetrics and gynecology as well as common disorders.

Course Rotation: NYC: Fall, Spring, and Summer.

PAS 404 Psychiatry Clerkship (2 credits)

This supervised course provides the student with an opportunity to see a variety of patients with psychological problems. The clerkship will utilize the health care team approach to both psychological and medical complaints or concerns of the psychiatric patients.

Course Rotation: NYC: Fall, Spring, and Summer.

PAS 405 Primary Care Clerkship (3 credits)

This supervised course provides the student with an opportunity to participate in the care of a wide variety of patients. The student will work as a member of a health care team providing care for a variety of medical complaints or concerns both acute and chronic for children, adults, and geriatric patients.

Course Rotation: NYC: Fall, Spring, and Summer.

PAS 406 Emergency Medicine Clerkship (2 credits)

This supervised clinical provides the student with an opportunity to participate in the care of a variety of patients with emergent medical complaints or concerns. This clerkship provides exposure to patients with medical or surgical emergencies as well as trauma.

Course Rotation: NYC: Fall, Spring, and Summer.

PAS 407 Surgery Clerkship (2 credits)

This supervised clinical course provides the student with an opportunity to participate in the care of patients with surgical complaints. The students will, through rapid and methodical assessment, evaluate acutely ill and potentially surgical patients. The student will work as a member of the medical team providing immediate pre- and post-op care as well as gaining hands-on experience in the operating room setting.

Course Rotation: Fall, Spring and Summer.

PAS 408 Elective I Clerkship (2 credits)

This supervised clinical course, chosen by the student, is restricted to primary care settings (internal medicine, pediatrics, obstetrics and gynecology or primary care). The diagnosis, treatment, and management of diseases seen by the primary care health practitioner is reinforced in this clerkship.

Course Rotation: NYC: Fall, Spring, and Summer.

PAS 409 Elective II Clerkship (2 credits)

This supervised clinical course is arranged by the student in conjunction with Program faculty in a setting or specialty of choice. Experiences can range from private practices to inpatient and from general care to subspecialties.

Course Rotation: NYC: Fall, Spring, and Summer.