Physician Assistant Studies and Services Courses (PA)

PA Courses

This is a list of courses with the subject code PA. For more information, see Physician Assistant Studies and Services (Carver College of Medicine) in the catalog.

PA:8212 Fundamentals of EKG and ACLS for Physician Assistant Students 2 s.h.
Theory and practice with basic analysis of EKG strips and interpretation, including rhythm disturbances; completion of American Heart Association's Advanced Cardiac Life Support (ACLS) program.

PA:8213 Fundamentals of Radiology for Physician Assistant Students 1 s.h.
Theory and practice for interpretation of radiographs including general radiology, body, chest, musculoskeletal, pediatrics, and neurology. Requirements: enrollment in physician assistant studies and services.

PA:8214 Fundamentals of Clinical Laboratory Medicine for Physician Assistant Students 1 s.h.
Theory and practice of selected clinical laboratory techniques and procedures; emphasis on effective utilization of clinical laboratory in diagnosis and management of disease states. Requirements: enrollment in physician assistant studies and services.

PA:8301 Seminar for Physician Assistant Students 1 s.h.
Professional issues that affect the physician assistant's practice of medicine.

PA:8302 Physician Assistant Professional and Clinical Skills 1 s.h.
Hands-on experience and activities; suturing, injections, prescription and order writing, medical records, patient confidentiality, Iowa Law governing physician assistant practice, motivational interviewing, toddler and disability exams.

PA:8303 Physician Assistant Senior Capstone 1 s.h.
Demonstration of strong clinical knowledge base and proficiency in basic clinical problem solving; focus on student's ability to think logically and critically, integrate and synthesize knowledge, access evidence-based medical resources, document patient care appropriately, apply clinical knowledge, and demonstrate professional behavior. Requirements: enrollment in physician assistant studies and services.

PA:8304 Emergency Medicine for Physician Assistant Students arr.
Obtaining and recording pertinent historical data, obtaining indicated laboratory studies, assessing the results, arriving at a diagnosis, formulating a treatment plan, implementing appropriate therapy.

PA:8305 Gynecology for Physician Assistant Students 4 s.h.
Opportunity to develop proficiency in history and physical exams of gynecological patients; outpatient, family planning, gynecological cancer, concepts of diagnostic techniques and therapy.

PA:8306 Family Practice I for Physician Assistant Students 4 s.h.
Obtaining and recording complete history and physical exams; formulation of differential diagnosis and problem list; ordering, obtaining, and interpreting lab and diagnostic studies; implementation of therapeutic procedures and treatment plans.

PA:8307 Family Practice II for Physician Assistant Students 4 s.h.
Opportunity to participate in delivery of ambulatory primary care; at a different site from PA:8306.

PA:8308 General Surgery for Physician Assistant Students 4-6 s.h.
Preparation for work as an assistant to the generalist; outpatient and inpatient surgical services, including surgical procedures and management of postoperative course.

PA:8309 Internal Medicine for Physician Assistant Students 4,6 s.h.
Eliciting a medical history, doing a pertinent physical exam, obtaining indicated lab studies, assessment of results, formulation of management plan, and implementation of appropriate therapy for common internal medicine problems.

PA:8310 Pediatrics for Physician Assistant Students arr.
Knowledge and skills required for providing appropriate medical care to infants, children, and adolescents; initiation and promotion of interpersonal relationships.

PA:8311 Psychiatry for Physician Assistant Students 4 s.h.
Training in history and physical exams of psychiatry patients, including individual and family therapy, vocational testing and guidance, development of interviewing skills.

PA:8312 Long-Term Care for Physician Assistant Students arr.
Development of clinical knowledge and skill in diagnosing, treating, and performing procedures for patients of long-term care settings; knowledge of relevant conditions.

PA:8320 Dermatology Elective for Physician Assistant Students arr.
Recognizing dermatologic diseases and disorders, instituting appropriate management of patients with dermatologic problems.

PA:8321 Neurology Elective for Physician Assistant Students arr.
Performing general and neurological exams, establishing diagnosis, recommending lab studies, instituting appropriate management of common neurological diseases and disorders, recognizing the need for urgent treatment.

PA:8322 Obstetrics for Physician Assistant Students arr.
Proficiency in physical exam of OB patients; applying concepts of diagnostic techniques and therapy; following patients' course, including labor, delivery, and postpartum care.

PA:8323 Ophthalmology Elective for Physician Assistant Students arr.
Proficiency in recognizing ophthalmology problems; how to institute appropriate management of these conditions.

PA:8324 Otolaryngology Elective for Physician Assistant Students arr.
Proficiency in recognizing otolaryngology problems; how to institute appropriate management of these conditions; opportunity for involvement in varied surgical procedures.

PA:8325 Pediatric Elective for Physician Assistant Students arr.
Experience working with children and adolescents.

PA:8326 Radiology Elective for Physician Assistant Students arr.
Proficiency in systematic evaluation of normal and abnormal routine radiologic examinations; listing indications for special exam procedures, including details of prepping the patient.

PA:8327 Pediatric Elective (Hematology/Oncology) for Physician Assistant Students arr.
Basic clinical knowledge and skills for diagnosis, treatment, and management of pre- and post-bone marrow transplant patients.

PA:8328 Pediatric (Cardiology) Elective for Physician Assistant Students arr.
Cardiovascular assessment and problem management of pediatric patients; experience with a range of acute, chronic, common, and rare cardiology diseases.

PA:8329 Psychiatry Elective for Physician Assistant Students arr.
Training in evaluation and treatment of psychiatry patients.

PA:8330 Surgery Elective for Physician Assistant Students arr.
Experience in a wide range of surgical problems, procedures, and treatments, including diagnosis, care and treatment, and postoperative courses of surgical patients.

PA:8331 Surgery Elective (Transplant/Organ Retrieval) for Physician Assistant Students arr.
Extensive experience in care of patients with end-stage organ failure; evaluation of potential transplant candidates, participation in surgical procedures on transplant service.

PA:8332 Surgery Elective (Burn Unit) for Physician Assistant Students arr.
Involvement in care on burn unit and in operating room; skills in burn debridement, grafting techniques, skin storage techniques, dressing changes, tub baths, and physical therapy procedures.

PA:8333 Surgery Elective (Cardiac Surgery) for Physician Assistant Students arr.
Development of technical skills in operating room; essentials of preoperative evaluation and postoperative management of cardiac surgical patient.

PA:8334 Orthopedics Elective for Physician Assistant Students arr.
Recognition of varied orthopedic problems and treatments; musculoskeletal diseases and disorders, both emergencies and common conditions, and how to establish appropriate management.

PA:8335 Internal Medicine Elective for Physician Assistant Students arr.
Training in varied internal medicine problems; recognition, appropriate treatment.

PA:8336 Internal Medicine (Cardiology) Elective for Physician Assistant Students arr.
Cardiovascular assessment and problem management; experience with wide range of acute, chronic, common, and rare diseases.

PA:8337 Internal Medicine (EKG) Elective for Physician Assistant Students arr.
Experience reading electrocardiograms, interpreting cardiac arrhythmias, performing and evaluating EKG stress tests.

PA:8338 Internal Medicine (Gastroenterology) Elective for Physician Assistant Students arr.
Experience with a wide range of gastrointestinal pathology; history and physical exams of gastrointestinal diagnostic procedures, follow-up care of patients through outpatient clinics.

PA:8339 Internal Medicine (Oncology) Elective for Physician Assistant Students arr.
Experience to develop diagnostic skills in clinical oncology and gain familiarity with methods of staging common cancers; assistance in therapy and outpatient management of cancer patients.

PA:8340 Internal Medicine (Geriatrics) Elective for Physician Assistant Students arr.
Familiarity with broad spectrum of medical conditions among the elderly; experience in history and physical exams, diagnosis of geriatric patients along with follow-up visits.

PA:8341 Internal Medicine (Pulmonary) Elective for Physician Assistant Students arr.
Development of basic clinical knowledge and skills for diagnosis, treatment, and management of pulmonary diseases.

PA:8342 Internal Medicine (Pallative Care/Hospice) Elective for Physician Assistant Students arr.
Work on a hospice care team performing evaluation, treatment, and education of patients with terminal illnesses; dealing with the prospect of death.

PA:8343 Internal Medicine (Infectious Disease) Elective for Physician Assistant Students arr.
Development of basic clinical knowledge and skills for diagnoses, treatment, and management of infectious diseases.

PA:8345 Urology Elective for Physician Assistant Students arr.
Proficiency in managing patients with urologic conditions; skill in taking a urologic history, performing physical exams, interpreting laboratory studies and data.

PA:8346 Family Practice Elective for Physician Assistant Students arr.
Proficiency in delivering ambulatory primary care.

PA:8347 Gynecology Elective (Women's Health) for Physician Assistant Students arr.
Experience in annual gynecologic exams, PAP screening, gynecology problems, contraception issues, STD screening and counseling, common gynecologic procedures.

PA:8348 Migrant Health Elective for Physician Assistant Students arr.
Basic clinical knowledge and skills for diagnosis, treatment, and prevention of diseases, injuries, and conditions related to environmental exposure in migrant worker populations.

PA:8349 Occupational Medicine Elective for Physician Assistant Students arr.
Basic clinical knowledge and skills for diagnosis, treatment, and prevention of work-related diseases, injuries, and conditions related to environmental exposure.

PA:8350 Pediatrics (Neonatology) Elective for Physician Assistant Students arr.
Basic clinical knowledge and skill for diagnosis, treatment, and management of critically ill infants.

PA:8351 Internal Medicine (Rheumatology) for Physician Assistant Students arr.
Basic clinical knowledge and skills for diagnosis, treatment, and management of rheumatologic diseases.

PA:8352 Medical Intensive Care for Physician Assistant Students arr.
Basic clinical knowledge and skills for diagnosis, treatment, and management of critically ill patients.

PA:8353 International Medicine for Physician Assistant Students arr.
Basic clinical knowledge and skills for diagnosis, treatment, and prevention of diseases, injuries, and conditions relevant to international medicine.

PA:8355 Gynecologic Oncology Elective for Physician Assistant Students arr.
Experience developing diagnostic skills in clinical gynecologic oncology, learning methods of staging specific cancers; and assisting in therapy and outpatient management of patients with varied cancers.

PA:8357 Physician Assistant Transitions to Clinical Rotations 1 s.h.
Additional didactic and hands-on skills essential for preparation prior to core and elective clinical rotations.
Requirements: enrollment in physician assistant studies and services.

PA:8358 Internal Medicine (Endocrinology) Elective for Physician Assistant Students arr.
Basic clinical knowledge and skills for diagnosis treatment and management for common endocrinology diseases.

PA:8360 Physician Assistant Summer Clinicals 6 s.h.
Clinical course for physician assistant students during their second summer session.

PA:8361 Physician Assistant Remediation and Self Study arr.
Completion of remediation or self-study program requirements.

PA:8362 Independent Study for Physician Assistant Students arr.
Students work on alternative experiences to supplement coursework and/or clinical experiences throughout various areas of the physician assistant program; self-guided experiences with faculty supervision.

PA:8363 Primary Care Academic Rotation arr.
Additional academic opportunities that enhance previous experiences gained in a clinical setting; emphasis on student participation in direct activities to supplement primary care experiences with observation and simulation activities as needed to provide a balanced experience in meeting course objectives.

PA:8364 Emergency Medicine Elective for Physician Assistant Students 2,4,6,8,10 s.h.
Training in varied emergency medicine problems; recognition and appropriate treatments.