Physician Assistant Studies and Services Courses (PA)

This is a list of all physician assistant courses. For more information, see Physician Assistant Studies and Services.

**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** 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** 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.
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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:8354 Intervventional Radiology for Physician Assistant Students
arr. Basic clinical knowledge and skills for diagnosis and treatment of conditions requiring interventional therapy.

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:8356 Wilderness Medicine for Physician Assistant Students
arr. Four-week emergency medicine elective taken in conjunction with Carver College of Medicine; mix of didactic and experiential learning; ten-day trip to Colorado to learn about hypothermia, altitude medicine, search and rescue, field evaluation, treatment and evacuation of common back country injuries; lectures and simulations.

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:8359 Surgery Elective for Physician Assistant Students (Plastics and Reconstruction) 
arr. Experience in a wide range of surgical problems, procedures, and treatments in medical reconstruction, plastics, and trauma; includes diagnosis, care and treatment, and postoperative courses for surgical patients.

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.