

# Physician Assistant Studies and Services

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## Courses

### Physician Assistant Studies and Services Courses

#### **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** 2 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: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: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: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:8335 Internal Medicine Elective for Physician Assistant Students** arr.  
Training in varied internal medicine problems; recognition, appropriate treatment.
- 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: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 (Palliative 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: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: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.