

# Physician Assistant Studies and Services

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**Graduate degree:** MPA

**Faculty:** <https://medicine.uiowa.edu/pa/physician-assistant-program-faculty>

**Website:** <https://medicine.uiowa.edu/pa/>

## 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 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 (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: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.