PHYSICIAN ASSISTANT (PA)

PA-1200 History and Physical Exam Techniques I
3 Credits
Introduction to skills required for patient-practitioner communication and development of therapeutic interpersonal relations including obtaining and recording the complete medical history with selected portions of the physical exam. Emphasis on cultural diversity influences in therapeutic relationships, patient counseling and/or patient education techniques along with instruction in proper documentation of historical and physical findings.
Lecture: 2 hours. Laboratory: 2 hours
Prerequisite(s): Departmental Approval: Admission to Physician Assistant program.

PA-1210 History and Physical Exam Techniques II
3 Credits
Instruction, study, and practice of skills required for conduction of a complete physical examination using appropriate equipment, techniques and accurate medical terminology to document findings. Instruction in identification and documentation of normal and abnormal anatomical structures, body system physiology, pathological conditions, symptoms of disorders, clinical findings and provision of appropriate patient education.
Lecture: 2 hours. Laboratory: 2 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1222 Basic Technical and Surgical Skills II
2 Credits
Presentation and discussion of fundamental technical and surgical clinical skills required of Physician Assistant in diagnostic and therapeutic management of primary care and surgical patients. Focus on basic bedside procedures.
Lecture: 1 hour. Laboratory: 2 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1232 Advanced Technical & Surgical Skills
2 Credits
Presentation, discussion, and practice of advanced surgical skills in the preparation of patients for surgery, and to assist physicians in performing procedures in surgery, the emergency room, hospital, office and clinic.
Lecture: 1 hour. Laboratory: 2 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1240 Clinical Anatomy
4 Credits
Study of clinical anatomy of the human body with emphasis on important anatomical landmarks required in the physical evaluation of the patient and anatomical relationships of structures to each other. Includes anatomical components of body systems, blood and nerve supply to organs and body regions. Common pathological processes and topical landmarks related to common surgical procedures are covered.
Lecture: 4 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I, or concurrent enrollment.

PA-1250 Clinical Pharmacology
4 Credits
Application of the principles of pharmacodynamics to calculate drug doses, write and interpret legal and accurate prescriptions for medical conditions.
Lecture: 4 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1350 Electrocardiography
1 Credit
Designed to allow students to recognize and interpret electrocardiography (EKG) tracings and their clinical significance. Includes application of Advanced Cardiovascular Life Support (ACLS) treatment protocols, patient education and communication with other health care professionals utilizing appropriate medical terminology as it relates to the cardiac conduction system. Techniques of 12-lead EKG recording and interpretation presented.
Laboratory: 2 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1360 Adjuncts to Diagnosis
3 Credits
Introduction to diagnostic and therapeutic procedures utilized to evaluate pulmonary, abdominal, cardiac, skeletal, genitourinary, neurological, and vascular systems. Includes laboratory, radiography, and respiratory methods and techniques, their indications and general principles of interpretation.
Lecture: 3 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1370 Behavioral Medicine
2 Credits
Focus on the detection and treatment of psychological symptoms and syndromes including stress, abuse (domestic, child and elder), violence, substance abuse through basic patient counseling, assessment of risk factors, pharmaceutical therapy, patient education and/or appropriate patient referrals. Emphasis on cultural sensitivity and strategies to identify and ease patient reaction to illness (psychological/organic) and end of life issues with the application of those strategies to overcome resistance, encourage therapeutic cooperation and assistance in decreasing health risk behaviors.
Lecture: 2 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1550 Physician Assistant Profession
1 Credit
Introduction to the Physician Assistant (PA) profession, including information about the history of the profession, the American Academy of Physician Assistants' (AAPA) Code of Ethics, credentialing and recertification requirements of the PA profession, the PA professional's role in health care delivery and reimbursement systems, relationship with the supervising physician and other health care professional; information about legislation and governing bodies that affect the profession. Use of appropriate referral sources when patient management is outside scope of PA practice.
Lecture: 1 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I, or concurrent enrollment.
PA-1590 Introduction to Clinical Medicine
2 Credits
Presentation of medical problems and diseases encountered in primary care practice including etiology, signs, symptoms, diagnostic data interpretation, clinical course, methods of management, and potential complications of diseases. Differential diagnosis of related or similar disease processes included.
Lecture: 2 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I, or concurrent enrollment.

PA-1600 Clinical Medicine I
4 Credits
Presentation of medical problems and diseases of the head, eyes, nose, oral cavity/throat (HEENT) respiratory and cardiovascular systems encountered in primary care practice. Topics include etiology, signs, symptoms, diagnostic data interpretation, clinical course, methods of management, and potential complications of the HEENT, respiratory and cardiovascular systems.
Lecture: 4 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I or concurrent enrollment.

PA-1610 Clinical Medicine II
4 Credits
Medical problems and diseases encountered in primary care practice, emphasizing musculoskeletal, neurological, dermatological, genitourinary and gastrointestinal systems. Discussion of the etiology, signs, symptoms, diagnostic data interpretation, clinical course, methods of management and potential complications included.
Lecture: 4 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-1620 Clinical Medicine III
4 Credits
Presentation of medical disorders and problems of obstetrics, gynecology and pediatrics with emphasis on age appropriate and culturally diverse patient clinical presentations. Includes recognition, descriptions and research of disease processes based on signs and symptoms, differential diagnoses with identification and utilization of appropriate diagnostic tools and development of a therapeutic plan and preventive medicine.
Lecture: 4 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-2302 Patient Management
2 Credits
This course will provide the student with instruction in patient management by providing the tools for selection and interpretation of diagnostic and therapeutic procedures, correlation of medical history and physical examination data, and integration of diagnostic skills through simulated case studies and problem solving activities.
Lecture: 1 hour. Laboratory: 3 hours
Prerequisite(s): PA-1610 Clinical Medicine II, and PA-1250 Clinical Pharmacology, and departmental approval: admission to the Physician Assistant program.

PA-2501 Emergency Medicine
4 Credits
Provides an overview of potentially life-threatening illnesses and injuries encountered in emergency situations or in the critically ill patient. Provides the physician assistant student with the essentials of assessment and management for the initial evaluation, stabilization, assessment, management and treatment, patient education, disposition and follow-up of an acutely ill patient requiring expeditious medical, surgical, or psychiatric attention, including awareness of special considerations and cultural diversity of patient populations.
Lecture: 4 hours
Prerequisite(s): PA-1200 History and Physical Exam Techniques I.

PA-2611 Preparation for Practice
2 Credits
Self-assess knowledge and skills to determine medical knowledge gaps, development a personal learning plan and prepare for the Physician Assistant National Certification Exam (PANCE). Additionally, strategies for the planning, development and presentation of a health education to the community along with development of strategies for participation in Continuing Medical Education (CME) and the Physician Assistant National Recertifying Exam (PANRE) and maintenance of licensure for practice as a Physician Assistant.
Lecture: 2 hours
Prerequisite(s): Departmental approval: admission to the Physician Assistant program, PA-1600 Clinical Medicine I, and PA-1610 Clinical Medicine II, and PA-1620 Clinical Medicine III.

PA-2820 Advanced Independent Study/Research in Physician Assistant
1-3 Credits
Directed individual advanced study. Study/research title and specific content arranged between instructor and student. May be repeated for a maximum of six credits of different topics.
Lecture: 1-3 hours
Prerequisite(s): Departmental approval, and instructor approval, and ENG-0990 Language Fundamentals II, or appropriate score on English Placement Test.
PA-2942 Field Experience I
4 Credits
Supervised field experience in clinical health care settings designed to emphasize the role of the Physician Assistant to primary care physicians. Students assigned to clinical rotations, under direct supervision of medical personnel, gain exposure to professional practice. Students at the beginning of clinical training should demonstrate beginning assessment skills. As clinical experience continues, the student should demonstrate intermediate to advanced skills, and assume increased individual responsibility as member of medical team. Modular courses PA-294A, PA-294B, PA-294C and PA-294D together will also meet requirements for this course.
Other Required Hours: Field experience: 640 hours (160 hours per rotation.)
Prerequisite(s): PA-2301 Patient Management and concurrent enrollment in PA-2972 Field Experience Seminar I or concurrent enrollment in PA-2982 Field Experience Seminar II, or departmental approval.

PA-2952 Field Experience II
4 Credits
Supervised field experience in clinical health care settings with emphasis on the role of Physician Assistant to primary care physicians. Assignment to clinical rotations, under direct supervision of medical personnel for exposure to professional practice and practical enhancement of beginning patient assessment skills for clinical experience and advancement to intermediate and advanced patient assessment skills with assumption of increased individual responsibility as member of medical team.
Other Required Hours: Field experience: 640 hours (160 hours per rotation).
Prerequisite(s): PA-2301 Patient Management and concurrent enrollment in PA-2972 Field Experience Seminar I or concurrent enrollment in PA-2982 Field Experience Seminar II, or departmental approval.

PA-2960 Field Experience III
2 Credits
Supervised field experience in clinical healthcare settings designed to emphasize the role of Physician Assistant to primary care physicians. Students assigned to clinical rotations, under direct supervision of medical personnel, gain exposure to professional practice and clinical assessment skills.
Prerequisite(s): PA-2942 Field Experience I.

PA-2972 Field Experience Seminar I
1 Credit
Pre and post rotational on campus seminars. Integrates concepts and knowledge gained from field experience rotations into total learning process. Focus on patient and professional communication, various professional practice issues and topics, and lifelong learning.
Other Required Hours: Seminar: 15 hours per semester.
Prerequisite(s): PA-1620 Clinical Medicine III.

PA-2982 Field Experience Seminar II
1 Credit
Capstone course in Physician Assistant. Post rotational on campus seminars. Integrates concepts and knowledge gained from field experience rotations into total learning process. Focus on patient and professional communication, various professional practice issues and topics, and lifelong learning.
Other Required Hours: Seminar: 15 hours per semester.
Prerequisite(s): Concurrent enrollment in PA-2942 Field Experience I, or PA-2952 Field Experience II, or concurrent enrollment.