



SCHOOL OF PA STUDIES

SNU PA Program Course Descriptions

PAS 5014 Physician Assistant Practice (4cr)

While the core training for clinicians is founded in the biological and medical sciences, the practice of medicine is a regulated profession that is founded on interpersonal relationships. This course is designed to prepare the PA for entry into the “practice” of medicine. This course sets a foundation in the business of medicine, explores areas of medical ethics, patient safety, professionalism, provider wellness, the healthcare team, regulation of health care practice, health policy, and public and social health. Emphases will be placed on patient autonomy and ethics from a Christlike perspective, the role of the PA on the healthcare team, and navigating social and cultural determinants of health in a Christlike manner.

Prerequisite(s): Admission to the PA program

PAS 5104 Patient Encounters I (4cr)

Learning to glean accurate, valuable, and pertinent information from patients is key to the practice of medicine and is the primary focus of this course. The art of communication, relationship building and confidence restoration to successfully obtain valuable information from patients from all types of backgrounds, settings and circumstances will be presented. Finally, the skills requisite for physical assessments and the discernment between normal and abnormal findings are taught.

Prerequisite(s): Admission to the PA program

PAS 5114 Patient Encounters II (4cr)

Building on 5104, the skills to overcome communication barriers such as stressful environments, emotional lability, and cultural variations while building resilience and personal emotional stability, particularly when delivering news about death, dying or severe illness are presented. Further preparation is made to accurately document and communicate patient interactions and findings to other members of the healthcare team. The development of physical assessment skills continues with the remaining body systems for the purposes of differentiating normal from abnormal findings.

Prerequisite(s): PAS 5104

PAS 5205 Medical Anatomy (5cr)

The form, function, and relationships of all gross anatomical structures of the human body are presented. Gaining an in-depth working knowledge of normal gross anatomy will allow the clinician to recognize developmentally abnormal, mechanically abnormal, or functionally abnormal anatomy. This course will be delivered didactically and supported by cadaveric, model, and virtual anatomy laboratory resources. Anatomic imaging, including plain film radiology, CT/MRI and ultrasound is included.

Prerequisite(s): Admission to the PA program

PAS 5214 Physiology and Pathophysiology I (4)

Normal physiology and pathologic physiology are vital to the understanding of disease processes and their treatment options. Advance understanding of physiologic concepts to recognize when alterations in normal physiology cause symptoms or disease processes is the key focus of this course. This course takes a systematic approach to physiology in preparation for the medical systems courses.

Prerequisite(s): Admission to the PA program

PAS 5224 Physiology and Pathophysiology II (4)

Normal physiology and pathologic physiology are vital to the understanding of disease processes and their treatment options. Advance understanding of physiologic concepts to recognize when alterations in normal physiology cause symptoms or disease processes is the key focus of this course. This course takes a systematic approach to physiology in preparation for the medical systems courses.

Prerequisite(s): PAS 5214

PAS 5303 Pharmacology and Pharmacotherapeutics I (3)

The first of a two-course series, pharmacologic and pharmacokinetic concepts are applied to understand the pharmacologic treatment of abnormal physiologic or anatomic processes. The actions of different drug classes with special attention to drug-drug interactions and prevention of prescribing and medication errors is a key focus of this course.

Prerequisite(s): PAS 5214

PAS 5313 Pharmacology and Pharmacotherapeutics II (3)

The second of a two-course series, the application of pharmacologic and pharmacokinetic concepts to treat abnormal physiologic or anatomic processes is continued. The actions of different drug classes, and special attention to drug-drug interactions and prevention of prescribing and medication errors are key components of this course. Alternative therapies and non-FDA substances such as vitamins, nutritional supplements and traditional therapies will be studied.

Prerequisite(s): PAS 5224, 5303

PAS 5322 Molecular Health and Disease (2)

This course gives a particular focus to biochemical, genetic, and microbiologic dysfunction that results in illness, disorder, and diseases. Special attention is given to common disorders that are preventable, transmissible, inheritable, and treatable, and the counseling of patients who will have long term effects of molecular disorders.

Prerequisite(s): PAS 5214, 5205, 5524

PAS 5406 Medical Systems I (6cr)

Using an organ systems approach and current, accepted medical resources, this course presents the epidemiology, presentation, evaluation, diagnosis, and treatment of specific adult and pediatric medical and psychological conditions. The focus of the approach to disorders is that of a primary care perspective, and includes prevention and wellness associated with the studied disorders.

Prerequisite(s): PAS 5013, 5104, 5205, 5214

PAS 5416 Medical Systems II (6cr)

Continuing with an organ systems approach and current, accepted medical resources, this course presents the epidemiology, presentation, evaluation, diagnosis, and treatment of specific adult and pediatric medical and psychological conditions. The focus of the approach to disorders is that of a primary care perspective, and includes prevention and wellness associated with the studied disorders.

Prerequisite(s): PAS 5406, 5303

PAS 5426 Medical Systems III (6cr)

Continuing an organ systems approach and current, accepted medical resources, this course presents the epidemiology, presentation, evaluation, diagnosis and treatment of specific adult and pediatric medical and psychological conditions. The focus of the approach to disorders is that of a primary care perspective, and includes prevention and wellness associated with the studied disorders.

Prerequisite(s): PAS 5416, 5313

PAS 5432 Pediatric Clinical Medicine (2cr)

This course is taught separately from the adult medicine systems approach and focuses on the development and wellness of children and young adults and highlights illnesses, disorders, and disease states specific to this patient population. Special attention will be paid to pediatric nutrition and recognizing and preventing child abuse.

Prerequisite(s): PAS 5406, PAS 5114, PAS 5303

PAS 5442 Surgery and Emergency Medicine (2cr)

Primary care providers must recognize when patients present with surgical or emergent conditions. The early evaluation and management of emergent and surgical presentations are covered. Additionally, advanced management of specific surgical and emergent conditions is presented.

Prerequisite(s): PAS 5416

PAS 5502 Clinical Procedures and Skills I (2cr)

This first of two lab courses teaches skills and procedures necessary for successful primary care practice. Ample lab time with instruction and supervision will allow the mastery of each skill and procedure required for the course..

Prerequisite(s): PAS 5023, 5205, 5114

PAS 5512 Clinical Procedures and Skills II (2cr)

The second lab course will teach specialized clinical procedures and how to implement point of care ultrasound into primary care practice

Prerequisite(s): PAS 5502

PAS 5524 Clinical Laboratory Science and Medical Imaging (4cr)

Building on the anatomy, physiology, and medical systems already presented, the appropriate and cost-effective ordering and interpreting of laboratory testing and medical imaging is presented. This course is presented from the context of primary care practice.

Prerequisite(s): PAS 5416, 5205, 5224, 5322

PAS 5601 Clinical Correlations I (1cr)

Using case-based activities, service opportunities, objective structured clinical examinations (OSCEs), and team-based learning activities, this course continues advancing competencies related to patient respect and autonomy, patient-centered practice knowledge, society and population health, and health literacy and communication.

Prerequisite(s): PAS 5013, 5104

PAS 5611 Clinical Correlations II (1cr)

Using case-based activities, service opportunities, objective structured clinical examinations (OSCEs), and simulations, this course continues advancing competencies related to patient respect and autonomy, society and population health, health literacy and communication, and interprofessional collaborative practice and leadership.

Prerequisite(s): PAS 5601, 5406

PAS 5621 Clinical Correlations III (1cr)

Using case-based activities, interprofessional activities, objective structured clinical examinations (OSCEs), and simulations, this course continues advancing competencies related to patient-centered practice knowledge, professional and legal aspects of health care, and health care finance and systems. .

Prerequisite(s): PAS 5611, 5416

PAS 5631 Medical Research and Capstone I (1cr)

The first of four courses, this course introduces scholarly writing ideas and methods. Under the guidance of the course instructor and student mentor, subjects for a primary literature review will be identified and the process of collecting scholarly literature will

commence. In addition, lifelong learning and self-improvement concepts will be introduced.

Prerequisite(s): Admission to the PA program

PAS 5641 Medical Research and Capstone II (1cr)

The second of four courses, this course progresses into the active writing of a literature review, beginning with a solid introduction and background. Lifelong learning and self-improvement assignments for capstone will be presented.

Prerequisite(s): PAS 5631

PAS 5651 Medical Research and Capstone III (1cr)

The third of four courses, students will explore epidemiologic techniques to evaluate the spread of disease and learn to evaluate evidence-based literature to develop assessments, diagnoses, and treatment plans. Students will begin critiquing medical literature for accuracy and relevance to clinical practice. This course progresses through capstone requirements of data collection and analysis of the literature review.

Prerequisite(s): PAS 5641

PAS 5661 Medical Research and Capstone IV (1cr)

The last of four courses, students will learn to critique medical literature and discern if the conclusions are accurate or statistically valid. This will translate into students completing their capstone literature review paper and presenting their findings.

Prerequisite(s): PAS 5651

PAS 6164 Family Medicine Supervised Clinical Practice Experience I (4cr)

A four-week supervised clinical experience in a family medicine setting. The focus of this experience will be outpatient primary care across the lifespan. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills, and competencies obtained during the didactic phase of the curriculum

Prerequisite(s): All PAS 5000 courses

PAS 6174 Family Medicine Supervised Clinical Practice Experience II (4cr)

A four-week supervised clinical experience in a family medicine setting. The focus of this experience will be outpatient primary care across the lifespan. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills, and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): PAS 6164

PAS 6054 Hospital Medicine Supervised Clinical Practice Experience (4cr)

A four-week supervised clinical experience in an inpatient setting. The focus of this experience will be on adult medicine with an emphasis on inpatient care. Preceptorships help the student achieve the highest level of program defined competencies by applying

knowledge, skills, and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PA 5000 courses

PAS 6064 Internal Medicine Supervised Clinical Practice Experience (4cr)

A four-week supervised clinical experience in an internal medicine setting. The focus of this experience will be on adult medicine. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills, and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PA 5000 courses

PAS 6044 Women's Health Supervised Clinical Practice Experience (4cr)

A four-week supervised clinical experience in a women's health setting. The focus of this experience will be on prenatal and gynecologic health. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills, and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PA 5000 courses

PAS 6204 Pediatrics Supervised Clinical Practice Experience I (4cr)

An 4-week supervised clinical experience in a pediatrics setting with a focus on pediatric development and primary care illness. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PAS 5000 courses

PAS 6214 Pediatrics Supervised Clinical Practice Experience II (4cr)

An 4-week supervised clinical experience in a pediatrics setting with a focus on pediatric development and primary care illness. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): PAS 6204

PAS 6034 Emergency Medicine Supervised Clinical Practice Experience (4cr)

A four-week supervised clinical experience in an emergency department setting with a focus on low to moderate level acuity of medical and traumatic emergencies. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills, and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PAS 5000 courses

PAS 6014 Surgery Supervised Clinical Practice Experience (4cr)

A four-week supervised clinical experience in a surgical setting with a focus on hospital/inpatient or surgery center experiences. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PAS 5000 courses

PAS 6024 Behavioral Medicine Supervised Clinical Practice Experience (4cr)

A four-week supervised clinical experience in a behavioral and mental healthcare setting with a focus on the management of behavioral and mental health in the primary care setting. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills, and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PAS 5000 courses

PAS 6074 Orthopedics Supervised Clinical Practice Experience (4cr)

A four-week supervised clinical experience in an orthopedic setting. The focus of this experience will be primary care orthopedics. Preceptorships help the student achieve the highest level of program defined competencies by applying knowledge, skills, and competencies obtained during the didactic phase of the curriculum.

Prerequisite(s): All PAS 5000 courses

PAS 6104 Preparation for Clinical Practice I (4cr)

Acclimating PAs from full time academics to full-time employment is essential. This course prepares the PA for a smoother transition. Such preparation includes PANCE, national certification and maintenance, licensure, contract negotiations, malpractice insurance, and more.

Prerequisite(s): All PAS 5000 courses

PAS 6114 Preparation for Clinical Practice II (4cr)

A continuation of the previous course includes ongoing preparation for PANCE, loan repayment and financial counseling, and activities to promote mastery of PA program competencies at the graduate level. The course will conclude with a summative evaluation process.

Prerequisite(s): PAS 6104