



# PHYSICIAN ASSISTANT

## MASTER OF MEDICAL SCIENCE (97 hours)

### PHASE I

The didactic phase consists of pre-clinical lectures, small group discussions, laboratory sessions and demonstrations. The student studies the basic medical sciences like anatomy and physiology, as well as applied behavioral sciences and the foundations of clinical medicine. Educational material is presented through organ system-based courses which support the integration of complex disease processes with diagnosis and treatment. Rather than discrete courses in pathophysiology and physical examination, the curriculum integrates these components within each system-based course. Phase I also incorporates patient assessment, clinical documentation, genetics and interpretation of appropriate labs, diagnostics and imaging/studies.

Fall Semester		Hrs.
BLS 5125	CLINICAL LABORATORY MEDICINE	2
PAED 5010	PROFESSIONAL AND PSYCHOSOCIAL ISSUES OF PA PRACTICE	3
PAED 5040	PHYSIOLOGY	4
PAED 5070	PRINCIPLES OF THE MEDICAL INTERVIEW	2
PAED 5120	HEMATOLOGY FUNDAMENTALS	2
PAED 5150	CLINICAL PHARMACOLOGY I	2
PAED 5300	EVIDENCE-BASED MEDICINE	2
<b>TOTAL</b>		<b>17</b>

Spring Semester		Hrs.
ANAT 5050	HUMAN GROSS ANATOMY	6
PAED 5110	DERMATOLOGY FUNDAMENTALS	2
PAED 5130	OTORHINOLARYNGOLOGY AND OPHTHALMOLOGY FUNDAMENTALS	3
PAED 5231	GASTROENTEROLOGY FUNDAMENTALS I	1
PAED 5310	ORTHOPEDIC AND RHEUMATOLOGY FUNDAMENTALS	3
PAED 5320	NEUROLOGY FUNDAMENTALS	3
<b>TOTAL</b>		<b>18</b>

Summer Semester		Hrs.
PAED 5201	CLINICAL PHARMACOLOGY II A	1
PAED 5211	PULMONARY FUNDAMENTALS I	2
PAED 5221	CARDIOVASCULAR FUNDAMENTALS I	2
PAED 5232	GASTROENTEROLOGY FUNDAMENTALS II	2
<b>TOTAL</b>		<b>7</b>

Fall Semester (Late June - December)		Hrs.
PAED 5202	CLINICAL PHARMACOLOGY II B	1
PAED 5212	PULMONARY FUNDAMENTALS II	1
PAED 5222	CARDIOVASCULAR FUNDAMENTALS II	2
PAED 5240	NEPHROLOGY AND GENITOURINARY FUNDAMENTALS	3
PAED 5250	ENDOCRINOLOGY FUNDAMENTALS	3
PAED 5330	ESSENTIALS OF SURGERY	2
PAED 5340	ESSENTIALS OF EMERGENCY MEDICINE	2
PAED 5360	ESSENTIALS OF PEDIATRICS	2
PAED 5370	ESSENTIALS OF BEHAVIORAL MEDICINE	2
PAED 5380	ESSENTIALS OF OBSTETRICS AND GYNECOLOGY	2
<b>TOTAL</b>		<b>20</b>



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### PHASE II

The clinical phase consists of rotations in Internal Medicine, General Surgery, Pediatrics, Emergency Medicine, Women's Health, Family Medicine, Psychiatry/Behavioral Medicine and two rotations in clinical specialties of each student's choice, Clinical Elective and EBM Clerkship. While working with the supervision of a clinical preceptor, the student actively participates in the daily care of patients of all ages and backgrounds.

When assigned to hospital teaching services the student functions as an integral member of the inpatient team. The student may interact daily with attending and resident physicians, PAs, medical students and other health care professionals in practice or in training. When assigned to ambulatory care clinics and private clinical practices, the student may function in a one-on-one relationship with the physician or PA who serves as instructor and supervisor. Students will complete rotations in medically underserved areas and should expect to complete at least two rotations at an assigned out-of-town site. Finding and making arrangements for appropriate housing for out-of-town clinical rotations, if needed, and paying for housing, are responsibilities of the PA student.

Spring Semester (January - Late June)		Hrs.
PAED 5400	CLINICAL: INTERNAL MEDICINE	4
PAED 5420	CLINICAL: FAMILY MEDICINE	4
PAED 5510	CLINICAL: GENERAL SURGERY	4
PAED 5800	CLINICAL: EMERGENCY MEDICINE	4
PAED 6000	GRADUATE SEMINAR	1
<b>TOTAL</b>		<b>17</b>

Fall Semester (Late June - December)		Hrs.
PAED 5600	CLINICAL: PEDIATRICS	3
PAED 5700	CLINICAL: PSYCHIATRY AND BEHAVIORAL MEDICINE	3
PAED 5750	CLINICAL: WOMEN'S HEALTH	3
PAED 5860	CLINICAL: EBM CLERKSHIP	4
PAED 5930	CLINICAL: ELECTIVE	4
PAED 6000	GRADUATE SEMINAR	1
<b>TOTAL</b>		<b>18</b>

Program length: 27 months

Program credits: 97 semester hours

#### Note:

- 1) The actual Phase I course sequence for PAED 5110 through PAED 5250 may vary slightly.
- 2) Every student enrolls in each of the nine Phase II clinical courses but the actual course sequence differs by student.