PHYSICIAN ASSISTANT (PA)

Courses

PA 501. Physiology and Pathophysiology. 3 Credit Hours.
Physiology and Pathophysiology is a three credit course which is sequenced with the Clinical Pharmacology course. It is offered in the first term of year one of the Master of Science in the Physician Assistant Studies Program. This course reviews the basic principles of physiology and provides an introduction to pathophysiology following an organ system approach. This course is divided into two sessions: the first session is five and one-half weeks in duration and precedes a four-week anatomy block, followed by a second session of two and one-half-weeks duration. It is expected that the material covered during the initial session will be reinforced by the anatomy subsequently presented. Readings covering patient case scenarios during the anatomy block will be used to help reinforce and integrate these topics.

PA 502. Clinical Pharmacology. 3 Credit Hours.
Clinical Pharmacology is a three credit course and is sequenced with the Physiology & Pathophysiology course. It is offered in the first term of year one of the Master of Science in Physician Assistant Studies Program. The course covers the basic principles of pharmacology and the clinical application to pharmaceutical therapeutics.

PA 503. Human Anatomy. 4 Credit Hours.
Gross Anatomy is a four credit course that is offered as a one month block in the first term of year one in the Master of Physician Assistant Studies Program. Through lectures and linked dissection laboratory experience, the course examines human morphology, the related embryology and function across the major organ systems.

PA 504. Clinical Laboratory. 2 Credit Hours.
Clinical Laboratory is a two credit course that is offered during the first term of year one in the Master of Science in Physician Assistant Studies Program. It is designed to be sequenced with the concurrently taken Physiology/Pathophysiology and Pharmacology courses. This course explores the indications, methodology and interpretation of common and important clinical laboratory tests used to assess and manage disease across the organ systems.

PA 505. Research Methods. 1 Credit Hour.
Research Methods, is a one credit course offered in the first term during year one of the Master of Science in Physician Assistant Studies Program. This course provides the framework for using medical literature in evidence-based medicine, including how to search, interpret, and evaluate research studies.

PA 506. Genetics. 1 Credit Hour.
Medical Genetics is a one credit course offered in the first term of the year one of the Master of Physician Assistant Sciences Program. The course describes the application of genetics to medical care. It covers the basic principles of medical genetics and molecular mechanisms of disease that serve as the foundation for understanding the effective assessment and management of diseases that have an identified genetic component. The rapidly expanding medical model of “personalized medicine” is largely based on the growth of our knowledge of the genetic components of diseases and genetic variation among patients affecting treatment success.

PA 510. Clinical Medicine I. 5 Credit Hours.
Clinical Medicine, offered as a series spanning year one of the Master of Science in Physician Assistant Studies Program, provides an organ systems based approach to the assessment and management of common and important diagnoses, following the NCCPA Content Blueprint. Clinical Medicine I and II are offered in the second term, Clinical Medicine III and IV are offered in the third term, and Clinical Medicine V and VI are offered in the fourth term.

PA 511. Clinical Medicine II. 5 Credit Hours.
Clinical Medicine, offered as a series spanning year one of the Master of Science in Physician Assistant Studies Program, provides an organ systems based approach to the assessment and management of common and important diagnoses, following the NCCPA Content Blueprint. Clinical Medicine I and II are offered in the second term, Clinical Medicine III and IV are offered in the third term, and Clinical Medicine V and VI are offered in the fourth term.

PA 512. History and Physical Examination. 3 Credit Hours.
History and Physical Examination is a three credit course that is offered in the second term of year one of the Master in Physician Assistant Studies Program. The course covers the basic principles and techniques for obtaining and documenting a history and performing a physical exam. The course is sequenced to follow the anatomy course completed in the first term, and to coincide with the start of the Clinical Medicine and Clinical Correlations courses, where history and physical examination subject matter will be reinforced and practiced. There is an associated laboratory time for practice, reinforcement and refinement of the history and physical examination concepts and techniques taught in the lecture course.

PA 513. Electrocardiography. 1 Credit Hour.
Electrocardiography is a one credit course that is offered during the second term of year one in the Master of Science in Physician Assistant Studies Program. The course encompasses the fundamentals of obtaining and interpreting an electrocardiogram.

PA 514. Diagnostic Testing and Imaging. 1 Credit Hour.
Radiology and Diagnostic Testing is a one credit course offered during the second term of year one of the Master of Science in Physician Assistant Studies Program. Topics covered include the basic principles of radiologic modalities, scope of imaging modalities and the utilization of common and important radiologic and ancillary studies.

PA 515. Behavioral Medicine. 2 Credit Hours.
Behavioral Medicine is a two credit course that is offered during the second term of year one in the Master of Science in Physician Assistant Studies Program. Topics covered include basic principles of behavioral health as a discipline and the diagnosis and management of common and important psychiatric disorders.

PA 516. Clinical Correlations One. 2 Credit Hours.
Clinical Correlations is a series of courses sequenced in conjunction with the Clinical Medicine series and is offered during the second, third and fourth terms of year one of the Master of Science in Physician Assistant Studies Program. Students practice and apply clinical information learned concurrently in the Clinical Medicine courses to patient care scenarios in a small group format.
PA 520. Clinical Medicine III. 5 Credit Hours.
Clinical Medicine, offered as a series spanning year one of the Master of Science in Physician Assistant Studies Program, provides an organ system based approach to the assessment and management of common and important diagnoses, following the NCCPA Content Blueprint. Clinical Medicine I and II are offered in the second term, Clinical Medicine III and IV are offered in the third term, and Clinical Medicine V and VI are offered in the fourth term.

PA 521. Clinical Medicine IV. 5 Credit Hours.
Clinical Medicine, offered as a series spanning year one of the Master of Science in Physician Assistant Studies Program, provides an organ system based approach to the assessment and management of common and important diagnoses, following the NCCPA Content Blueprint. Clinical Medicine I and II are offered in the second term, Clinical Medicine III and IV are offered in the third term, and Clinical Medicine V and VI are offered in the fourth term.

PA 522. Pediatrics. 4 Credit Hours.
Pediatrics is a four credit course that is offered in the third term of year one of the Master of Science in Physician Assistant Studies Program. The course covers the assessment and management of common and important pediatric diseases and disorders as well as general pediatric growth, development and health maintenance.

PA 523. Orthopedics. 4 Credit Hours.
Orthopedics is a four credit course that is offered during the third term of year one in the Master of Science in Physician Assistant Studies Program. Topics covered include basic principles of orthopedic care as a discipline and the assessment, diagnosis and management of common and important orthopedic injuries and conditions.

PA 524. Public Health and Dental Medicine. 1 Credit Hour.
Public Health and Dental medicine is a one credit course that is offered in the third term of year one of the Master of Science in the Physician Assistant Studies Program. The course presents an overview of the core concepts of public health and the US health care delivery system. During this course, students will also complete the “Smiles for Life: A National Oral Health Curriculum” on-line modules.

PA 525. Clinical Skills. 1 Credit Hour.
Clinical Skills is a one credit course offered in the third term of the year one of the Master of Science in Physician Assistant Studies Program. The course includes lecture instruction and hands-on practice of the procedural skills common to Physician Assistant practice. Two hours per week include lecture and practice time.

PA 526. Clinical Correlations Two. 2 Credit Hours.
Clinical Correlations is a series of courses sequenced in conjunction with the Clinical Medicine series and is offered during the second, third and fourth terms of year one of the Master of Science in Physician Assistant Studies Program. Students practice and apply clinical information learned concurrently in the Clinical Medicine courses to patient care scenarios in a small group format.

PA 530. Clinical Medicine V. 5 Credit Hours.
Clinical Medicine, offered as a series spanning year one of the Master of Science in Physician Assistant Studies Program, provides an organ system based approach to the assessment and management of common and important diagnoses, following the NCCPA Content Blueprint. Clinical Medicine I and II are offered in the second term, Clinical Medicine III and IV are offered in the third term, and Clinical Medicine V and VI are offered in the fourth term.

PA 531. Clinical Medicine VI. 5 Credit Hours.
Clinical Medicine, offered as a series spanning year one of the Master of Science in Physician Assistant Studies Program, provides an organ system based approach to the assessment and management of common and important diagnoses, following the NCCPA Content Blueprint. Clinical Medicine I and II are offered in the second term, Clinical Medicine III and IV are offered in the third term, and Clinical Medicine V and VI are offered in the fourth term.

PA 532. Emergency Medicine. 6 Credit Hours.
Emergency medicine is a six credit course that is offered in the fourth term of year one of the Master of Science in Physician Assistant Studies Program. The course focus surrounds the assessment and management of common and important injuries, conditions and complaints of patients presenting for emergency care.

PA 533. Surgery. 3 Credit Hours.
Surgery is a three credit course that is offered in the fourth term of year one of the Master of Science in Physician Assistant Studies Program. The course covers the assessment and management of common and important surgical diseases and disorders, including care in the preoperative, operative and postoperative settings.

PA 534. Medical Ethics and Law. 1 Credit Hour.
Medical Law and Ethics is a one credit course that is offered in the fourth term of year one in the Master of Science in Physician Assistant Studies Program. It provides an overview of the core ethical principles which guide medical practice and the laws that apply to health care practitioners.

PA 535. PA History and Professional Issues. 1 Credit Hour.
PA History and Professional Issues is a one credit course that is offered in the fourth term of year one in the Master of Science in Physician Assistant Studies Program. The course reviews the history of the Physician Assistant profession and the core professional issues and principles of current health care delivery that apply to Physician Assistant practice.

PA 536. Clinical Correlations Three. 2 Credit Hours.
Clinical Correlations is a series of courses sequenced in conjunction with the Clinical Medicine series and is offered during the second, third and fourth terms of year one of the Master of Science in Physician Assistant Studies Program. Students practice and apply clinical information learned concurrently in the Clinical Medicine courses to patient care scenarios in a small group format.

PA 601. Inpatient Internal Medicine Supervised Clinical Practice Experience. 4 Credit Hours.
This required course is a 5-week clinical rotation on an inpatient medicine service. The student will function as an active member of the inpatient clinical team, responsible for comprehensive patient assessment and involvement inpatient care decision making, resulting in a detailed plan for patient management.

PA 602. Outpatient Internal Medicine Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Internal Medicine is a five (5) week experience in the management of common and/or important conditions and complaints of the Internal Medicine patient. The student may be required to travel to the clinic and/or hospital during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for an average 60 hours per week. Specific schedules are determined by the rotation site/preceptor.
PA 603. Family Medicine Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Family Medicine is a five (5) week experience in the management of common and/or important conditions and complaints of the Primary Care patient. The student may be required to travel to the clinic and/or hospital during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for on average 60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 604. General Surgery Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in General Surgery is a five (5) week experience in the management of common and/or important surgical conditions. The student may be required to travel to the clinic, outpatient surgery center and/or hospital facility during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for on average 60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 605. Pediatrics Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Pediatrics is a five (5) week experience in the management of common and/or important conditions and complaints of the pediatric patient. The student may be required to travel to the clinic, and/or hospital during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for on average 60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 606. Obstetrics and Gynecology Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Woman's Health/OBGYN is a five (5) week experience in the assessment and management of common gynecologic and obstetric conditions and complaints. The student may be required to travel to the clinic, outpatient surgery center and/or hospital facility during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for on average 60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 607. Psychiatry Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Psychiatry is a five (5) week experience in the management of psychiatric conditions and complaints. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for on average 40-60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 608. Emergency Medicine Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Emergency Medicine is a five (5) week experience in an Emergency Department. The student will function as an active member of the clinical team, responsible for comprehensive patient assessment and involvement inpatient care decision making, resulting in a detailed plan for patient management. The student should plan on being involved in patient care, including associated educational opportunities, for on average 60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 609. Orthopedics Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Orthopedic Surgery is a five (5) week experience in the management of injury and illness of the musculoskeletal system. The student may be required to travel to the clinic, outpatient surgery center and/or hospital facility during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for on average 60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 610. Dermatology Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation in Dermatology is a five (5) week experience in the management of common dermatologic conditions and complaints. The student may be required to travel to the clinic, outpatient surgery center and/or hospital facility during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for an average 40-60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 611. Elective Supervised Clinical Practice Experience. 4 Credit Hours.
This required elective rotation is a five (5) week experience in the management of common and/or important conditions and complaints relevant to the particular chosen elective specialty. The student may be required to travel to the clinic and/or hospital during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for an average 60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA 612. Mini Clinical Supervised Clinical Practice Experience. 4 Credit Hours.
This required rotation includes ENT, Ophthalmology and Diagnostic Imaging and is a five (5) week experience in the assessment and management of common and/or important ENT and Ophthalmology conditions and complaints. Diagnostic Imaging is an introduction to the multiple modalities available for patient evaluation. The student may be required to travel to a clinic, outpatient surgery center and/or hospital facility during his/her rotation time. The student should plan on being involved in patient care, including taking call and associated educational opportunities, for an average 40-60 hours per week with a maximum 80 hours per week. Specific schedules are determined by the rotation site/preceptor.

PA PH. Physician Assistant Placeholde. 1-12 Credit Hours.