

PHYSICIAN ASSISTANT (PA)

PA 501 Human Anatomy and Physiology I

This course teaches human anatomy for the physician assistant that prepares students for clinical practice. Letter grade only. Not challengeable.

Grade Mode: Letter, Audit

Semester Hours: 3

PA 502 Genetics of Health and Disease for Physician Assistants

This course provides the foundation of medical genetics necessary for clinical practice. Letter grade only. Not challengeable.

Semester Hours: 2

PA 503 Human Anatomy and Physiology II

This course provides an overview of the principles of human physiology that prepares the physician assistant student for problem solving and medical diagnosis in the clinical setting. Letter grade only. Not challengeable.

Semester Hours: 3

PA 504 Research

This course introduces the research methods, including the study designs, data collection procedures, data analysis procedures, sampling, and sample size calculation. In addition, it introduces the fundamental concepts of epidemiology, including incidence, prevalence, risk factors, screening methods, sensitivity, specificity, and all epidemiological determinants, which provide clinicians with information about diseases. It also develops skills of critically appraising research in assessment and diagnosis, treatment, harm and prevention, and health product marketing. Finally, this course prepares students for their master's project course. Letter grade only. Not challengeable.

Semester Hours: 1

PA 505 Health Medicine and Society I

This course covers health care delivery systems, alternative and holistic health, medical care and cultural diversity, the history of medicine and society, the history of the PA profession. Letter grade only. Not challengeable.

Semester Hours: 2

PA 506 Evidence Based Medicine

This course introduces the principles of evidence-based practice, different types of available evidence, the skills required to formulate focused questions, and the tools for locating relevant evidence. It develops skills for critically appraising the trustworthiness of evidence, making collaborative patient-centered decisions, and evaluating the results of the action implementation. It also allows the students to practice interprofessional communication and patient-centered interaction effectively in writing and verbally with patients and other health care team members during all phases of assessment, planning, implementation, and evaluation. Letter grade only. Not challengeable.

Semester Hours: 1

PA 507 Pediatrics I

This course will provide the primary care physician assistant student with an introduction to the basic principles of pediatrics. This pediatric course will provide the students with the basic cognitive skills required to obtain and perform an appropriate newborn, pediatric and adolescent history and physical, order and interpret diagnostic studies and provide health education to promote health and prevent disease to patients and families. Letter grade only. Not challengeable.

Semester Hours: 2

PA 508 Clinical Procedures I

This course enables the primary care physician assistant (PA) students to develop the competencies necessary for current and evolving clinical practice through learning and practicing clinical procedures and technical skills that will provide a comprehensive approach to direct patient intervention. This course will give students foundational knowledge and practical application of various medical procedures as listed below. Students will learn theory, practice and perform the technical skills and procedures on task trainers, models, peers and computer simulations in preparation for supervised clinical experiences and clinical practice. Letter grade only. Not challengeable.

Semester Hours: 2

PA 511 General Medicine I

This course provides instruction in psychiatric and behavioral medicine, dermatology, otorhinolaryngology (HENT) and oral health. Letter grade only. Not challengeable.

Grade Mode: Letter, Audit

Semester Hours: 3

PA 512 General Medicine II

This course provides instruction in ophthalmology, cardiology and pulmonary medicine. Letter grade only. Not challengeable.

Grade Mode: Letter, Audit

Semester Hours: 3

PA 513 Pathophysiology I

This course introduces pathophysiology of the human body and its organ systems. Topics in this course are psychiatric and behavioral Medicine, dermatology, otorhinolaryngology (HENT), oral health, ophthalmology, hematology, cardiology and pulmonary medicine. Letter grade only. Not challengeable.

Grade Mode: Letter, Audit

Semester Hours: 2

PA 514 Physical Assessment I

This course teaches history and physical examination, patient evaluation, diagnosis, management, and documentation in psychiatric and behavioral medicine, dermatology, otorhinolaryngology (HENT), oral health, ophthalmology, cardiology and pulmonary medicine. Letter grade only. Not challengeable.

Grade Mode: Letter, Audit

Semester Hours: 3

PA 515 Applied Pharmacology I

This course teaches pharmacology and pharmacotherapeutics in psychiatric and behavioral medicine, dermatology, otorhinolaryngology (HENT), oral health, ophthalmology, hematology, cardiology and pulmonary medicine. Letter grade only. Not challengeable.

Grade Mode: Letter, Audit

Semester Hours: 2

PA 516 Health Medicine and Society II

This course teaches health policy, public health, global health, cultural diversity, and changing paradigms in patient care. Letter grade only. Not challengeable.

Semester Hours: 3

PA 517 Pediatrics II

Prerequisite: Completion of PA 507

This course will provide the primary care physician assistant student with an introduction to the basic principles of pediatrics. This pediatric course will provide the students with the basic cognitive skills required to obtain and perform an appropriate newborn, pediatric and adolescent history and physical, order and interpret diagnostic studies and provide health education to promote health and prevent disease to patients and families. Letter grade only. Not challengeable.

Semester Hours: 2

PA 518 Clinical Procedures II

Prerequisite: Completion of PA 508

This course enables the physician assistant (PA) students to develop the competencies necessary for current and evolving clinical practice through learning and practicing clinical procedures and technical skills that will provide a comprehensive approach to direct patient intervention. This course will give students foundational knowledge and practical application of various medical procedures as listed below. Students will learn theory, practice and perform the technical skills and procedures on task trainers, models, peers and computer simulations in preparation for supervised clinical experiences and clinical practice. Letter grade only. Not challengeable.

Semester Hours: 1

PA 521 General Medicine III

This course teaches hematology/oncology, endocrinology, gastroenterology, nephrology and genitourinary conditions. Letter grade only. Not challengeable.

Semester Hours: 8

PA 522 General Medicine IV

This is the fourth of five courses that provides instruction in clinical medicine for the physician assistant student. Content includes the etiology, epidemiology, clinical presentation, laboratory diagnosis, nutrition, health promotion and disease prevention and treatment of human disease, illness and injury. The medical topics in this course are infectious disease, orthopedics, rheumatology, neurology and women's health. Letter grade only. Not challengeable.

Semester Hours: 6

PA 523 Pathophysiology II

This course teaches pathophysiology the human body and its organ systems in hematology/oncology, endocrinology, gastroenterology, nephrology, genitourinary, infectious disease, orthopedics, rheumatology, neurology and women's health. Letter grade only. Not challengeable.

Semester Hours: 2

PA 524 Physical Assessment II

This course teaches history and physical examination, patient evaluation, diagnosis, management, and documentation of endocrinology, gastroenterology, genitourinary, musculoskeletal, neurology and women's health. Letter grade only. Not challengeable.

Semester Hours: 3

PA 525 Applied Pharmacology II

This course teaches pharmacology and pharmacotherapeutics in hematology/oncology, endocrinology, gastroenterology, nephrology, genitourinary, infectious disease, orthopedics, rheumatology, neurology and women's health. Letter grade only. Not challengeable.

Semester Hours: 2

PA 526 Health Medicine & Society III

This course teaches medical ethics, death and dying, the rules and regulations of physician assistant practice, professionalism, and inter-professional experiences. Letter grade only. Not challengeable.

Semester Hours: 2

PA 531 General Medicine V

This course teaches pediatrics, geriatric medicine, emergency medicine and general surgery. Letter grade only. Not challengeable.

Semester Hours: 6

PA 532 Clinical Procedures III

Prerequisite: Completion of PA 518

This series of courses enables physician assistant (PA) students to develop the competencies necessary for current and evolving clinical practice through learning and practicing clinical procedures and technical skills that will provide a comprehensive approach to direct patient intervention. This course is sequenced to reflect the modular approach to delivery of the didactic curriculum and will give students foundational knowledge and practical application of various medical procedures as specified in the syllabus (below). Students will practice and perform the technical skills and procedures on task trainers, models, and computer simulations in preparation for supervised clinical experiences and clinical practice. Letter grade only. Not challengeable.

Semester Hours: 2

PA 533 Pathophysiology III

This course teaches pathophysiology of the human body and its organ systems in pediatrics, geriatric medicine, emergency medicine and general surgery. Letter grade only. Not challengeable.

Semester Hours: 2

PA 534 Physical Assessment III

This course teaches history and physical examination, patient evaluation, diagnosis, management, and documentation of pediatrics and geriatrics. Letter grade only. Not challengeable.

Semester Hours: 3

PA 535 Applied Pharmacology III

This course teaches pharmacology and pharmacotherapeutics in pediatrics, geriatric medicine, emergency medicine and general surgery. Letter grade only. Not challengeable.

Semester Hours: 3

PA 536 Introduction to Clinical Medicine

In this course teaches medical coding and billing, medical record documentation, patient safety and risk management, quality improvement and prevention of medical errors and orients to students to supervised clinical rotations and clinical practice. Letter grade only. Not challengeable.

Semester Hours: 2

PA 601 Supervised Clinical Rotation I - Family Medicine I

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 602 Supervised Clinical Rotation II - Family Medicine II

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 603 Supervised Clinical Rotation III - Internal Medicine

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 604 Masters Project I

This course teaches the foundations of clinical research. Students apply evidence based medicine and plan and design a clinical research project related to health, community or education. Letter grade only. Not challengeable.

Semester Hours: 2

PA 605 Intro to Medical Practice

In this course students receive a deeper understanding of the legal responsibilities associated with licensure as a Physician Assistant. The emphasis is placed on understanding the workings of the legal system, the laws affecting Physician Assistants, and the rules and regulations that govern the profession at the state level. The role of state licensing boards will be covered as well as the influence of professional associations. Facilitation of course work involves on-campus requirements as well as the utilization of a learning management system, Blackboard. This course is provided during clinical year and meets during Post Clinical Activities (PCA) weeks. Letter grade only. Not challengeable.

Semester Hours: 2

PA 611 Supervised Clinical Rotation IV - Pediatrics

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 612 Supervised Clinical Rotation V - Women's Health

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 613 Supervised Clinical Rotation VI - Psych/Behavioral Medicine

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 614 Masters Project II

The foundations of clinical research are applied to the research proposal described in in PA 604 Master's Project I. Letter grade only. Not challengeable.

Semester Hours: 2

PA 621 Supervised Clinical Rotation VII - Surgery

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 622 Supervised Clinical Rotation VIII - Emergency Medicine

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 623 Supervised Clinical Rotation IX - Elective

This rotation provides individual 4 week off campus clinical experiences under a program approved supervising preceptor at a program approved clinical setting. Letter grade only. Not challengeable.

Semester Hours: 4

PA 624 Masters Project III

This course applies the foundations of clinical research to a completed health, community or education project designed by students with report findings presented in written and oral forms. Letter grade only. Not challengeable.

Semester Hours: 2

PA 625 Comprehensive Review and Examinations

This course is the summative evaluation of a physician assistant student used to assess readiness for entry into clinical practice as an entry level physician assistant. Letter grade only. Not challengeable.

Semester Hours: 2