

PHYSICIAN ASSISTANT (PHYA)

PHYA 5010 Introduction to PA Profession

[1 credit hour]

An overview of the history and philosophy of the physician assistant profession. Includes a review of current professional issues relevant to the PA profession.

Term Offered: Spring, Summer, Fall

PHYA 5100 Principle Interview/Medical History

[2 credit hours]

An introduction to the art of patient/practitioner communication and effective interviewing for the purpose of establishing a health database and follow-up care.

Term Offered: Spring, Summer, Fall

PHYA 5130 Patient Evaluation

[4 credit hours]

Students will develop the knowledge and skills to competently perform a complete physical examination, recognizing normal and abnormal findings and communicating their findings verbally and in written form.

Term Offered: Spring, Summer, Fall

PHYA 5140 Health Care Teams and Systems

[2 credit hours]

Introduction to issues and systems related to the delivery of health care in the U.S. to include settings, costs, and reimbursement issues and the evaluation of health care quality.

Term Offered: Spring, Summer, Fall

PHYA 5210 Diagnostic and Therapeutic Skills I

[2 credit hours]

Introduction to the use and interpretation of commonly used diagnostic and therapeutic tools, including laboratory studies, radiographic studies, and electrocardiography.

Term Offered: Spring, Summer, Fall

PHYA 5220 Diagnostic and Therapeutic Skills II

[3 credit hours]

Introduction to the use and interpretation of commonly used diagnostic and therapeutic tools, with practical experience in radiology including laboratory studies, radiographic studies and electrocardiography.

Term Offered: Spring, Summer, Fall

PHYA 5230 Diagnostic and Therapeutic Skills III

[5 credit hours]

Introduction to the use and interpretation of commonly used diagnostic and therapeutic tools, including laboratory studies, radiographic studies, and electrocardiography.

Term Offered: Spring, Summer, Fall

PHYA 5310 Clinical Medicine I

[5 credit hours]

An intensive, three semester sequence of study which examines human diseases and disorders from the perspectives of etiology, epidemiology, clinical manifestations, diagnosis, management, potential complications and prognosis.

Term Offered: Spring, Summer, Fall

PHYA 5330 Clinical Medicine III

[6 credit hours]

An intensive, three semester sequence of study which examines human diseases and disorders from the perspectives of etiology, epidemiology, clinical manifestations, diagnosis, management, potential complications, and prognosis.

Term Offered: Fall

PHYA 5340 Clinical Medicine II

[4 credit hours]

An intensive, three semester sequence of study which examines human diseases and disorders from the perspectives of etiology, epidemiology, clinical manifestations, diagnosis, management, potential complications and prognosis.

Term Offered: Summer

PHYA 5400 Pathophysiology I

[4 credit hours]

This is the first module of this three-semester course series. It will provide an overview of the pathologic processes that influence the development of diseases in humans at the cellular, organ, and systemic levels. The course will include a discussion of normal function, pathophysiological processes in the development of diseases, and the impact of disease on patient health.

Prerequisites: ANAT 5000 with a minimum grade of C and PHSL 5050 with a minimum grade of C

Term Offered: Spring

PHYA 5410 Pathophysiology II

[3 credit hours]

This is the second module of this three-semester course series. It will provide an overview of the pathologic processes that influence the development of diseases in humans at the cellular, organ, and systemic levels. The course will include a discussion of normal function, pathophysiological processes in the development of diseases, and the impact of disease on patient health.

Prerequisites: ANAT 5000 with a minimum grade of C and PHSL 5050 with a minimum grade of C and PHYA 5400 with a minimum grade of B

Term Offered: Summer

PHYA 5430 Pathophysiology III

[2 credit hours]

This is the third module of this three-semester course series. It will provide an overview of the pathologic processes that influence the development of diseases in humans at the cellular, organ, and systemic levels. The course will include a discussion of normal function, pathophysiological processes in the development of diseases, and the impact of disease on patient health.

Prerequisites: PHYA 5400 with a minimum grade of B and PHSL 5050 with a minimum grade of B and ANAT 5000 with a minimum grade of B

Term Offered: Spring, Summer, Fall

PHYA 5510 Fundamentals of Pharmacology I

[4 credit hours]

A study of the general principles of pharmacotherapeutics and the rational use of drugs for the diagnosis, prevention and treatment of diseases.

Term Offered: Spring

PHYA 5520 Fundamentals of Pharmacology II

[2 credit hours]

A study of the general principles of pharmacotherapeutics and the rational use of drugs for the diagnosis, prevention and treatment of diseases.

Term Offered: Summer**PHYA 5530 Fundamentals of Pharmacology III**

[1 credit hour]

A study of the general principles of pharmacotherapeutics and the rational use of drugs for the diagnosis, prevention and treatment of diseases.

Term Offered: Fall**PHYA 6010 Clinical Genetics**

[1 credit hour]

Clinical Genetics, a 1 credit hour course, is offered in the fall semester. The course describes the application of genetics to medical care and the application of these principles in the Primary Care Physician Assistant clinical practice. The discussions include: the basic structures and behavior of genes, the human genome, the role of genetics in medicine, genetic basics of human disease, application of genetics, and ethical considerations.

Term Offered: Fall**PHYA 6050 Ethics for PA Profession**

[1 credit hour]

This course provides the foundation for ethics in the primary care clinical setting. Analyze common bioethical issues confronting physician assistants, and give the student the opportunity to share their experiences with peers.

Term Offered: Spring**PHYA 6110 Health Promo Disease Prevention**

[1 credit hour]

An introduction to basic concepts of health promotion and disease prevention, analysis of risk factors for disease, and an emphasis on strategies to modify lifestyles to promote health in the individual and community.

Term Offered: Summer**PHYA 6130 Evidence Based Medicine**

[3 credit hours]

This course presents methods of research and their application to clinical research and practice. It emphasizes use of current research evidence in healthcare decision-making, an activity known as evidence-based practice. Topics include biostatistics, introduction to research methods, clinical analysis of the health-related information, and application of EBP to healthcare. Students develop a focused research question for their scholarly project and develop an introductory literature review on the topic. Scholarly project advisors will be identified.

Term Offered: Fall**PHYA 6150 Behavioral Science**

[2 credit hours]

Study of concepts and practices related to evaluation and management of psychiatric diseases and conditions as well as behavioral issues which impact upon the health and well-being of patients.

Term Offered: Fall**PHYA 6310 Clinical Rotation - Behavior Health**

[5 credit hours]

A three semester practicum, covering eight 4-week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will be required to return to campus for an End of Rotation Day (EOR Day) on the last day of each clinical rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall**PHYA 6320 Clinical Rotation - Elective**

[5 credit hours]

A three semester practicum, covering eight 5#week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will not have an End of Rotation associated with this rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall**PHYA 6330 Clinical Rotation - Emergency Medicine**

[5 credit hours]

A three semester practicum, covering eight 5#week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will be required to return to campus for an End of Rotation Day (EOR Day) on the last day of each clinical rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall**PHYA 6340 Clinical Rotation - Family Medicine**

[5 credit hours]

A three semester practicum, covering eight 5#week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will be required to return to campus for an End of Rotation Day (EOR Day) on the last day of each clinical rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6350 Clinical Rotation - Internal Medicine

[5 credit hours]

A three semester practicum, covering eight 5#week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will be required to return to campus for an End of Rotation Day (EOR Day) on the last day of each clinical rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6360 Clinical Rotation - Pediatrics

[5 credit hours]

A three semester practicum, covering eight 5#week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will be required to return to campus for an End of Rotation Day (EOR Day) on the last day of each clinical rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6370 Clinical Rotation - Surgery

[5 credit hours]

A three semester practicum, covering eight 4-week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will be required to return to campus for an End of Rotation Day (EOR Day) on the last day of each clinical rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6380 Clinical Rotation - Women's Health

[5 credit hours]

A three semester practicum, covering eight 4-week clinical rotations, which provides supervised long term care, inpatient, emergency services and ambulatory primary care clinical experiences for physical assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families. Emphasis will also be placed on assimilation of the physician assistant professional role. Students will be required to return to campus for an End of Rotation Day (EOR Day) on the last day of each clinical rotation.

Prerequisites: PHYA 6500 (may be taken concurrently) with a minimum grade of D- or PHYA 650 (may be taken concurrently) with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6500 Introduction to Clinical Practice

[4 credit hours]

This course is designed to prepare students for their clinical rotation. Students will have the opportunity to refine skills that they have learned during their didactic training, review clinical pearls, and review important professional, legal, and safety information that is pertinent to clinical rotations.

Term Offered: Spring

PHYA 6610 Scholarly Project I

[1 credit hour]

Students will complete their scholarly project per the student instructional objectives and as negotiated between the student and the student's major advisor. The student will present the project to faculty and students during the scholarly project presentation sessions. If the project is not completed, this class may be repeated with major advisor's approval.

Prerequisites: PHYA 6130 with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6620 Scholarly Project II

[1 credit hour]

Continuation of PHYA 6610. Students will continue to implement the scholarly project per the student instructional objectives and as negotiated between the student and the student's major advisor.

Prerequisites: PHYA 6610 with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6630 Scholarly Project III

[1 credit hour]

Continuation of PHYA 6620: Scholarly Project II. Students will complete their scholarly project per the student instructional objectives and as negotiated between the student and the student's major advisor. The student will present the project to faculty and students during the scholarly project presentation sessions. If the project is not completed, this class may be repeated with major advisor's approval.

Prerequisites: PHYA 6620 with a minimum grade of D-

Term Offered: Spring, Summer, Fall

PHYA 6760 Clinical Preceptorship

[4 credit hours]

Final clinical experience designed to provide physician assistant students the opportunity to fully integrate and apply the six medical competencies of the physician assistant profession in clinical practice. This is an eight-week experience in a primary care practice.

Term Offered: Spring, Summer, Fall

PHYA 6800 Clinical Rotation Remediation

[5 credit hours]

A 5-week self-study setting for physician assistant students. Students will demonstrate the ability to integrate knowledge and skill in the evaluation and treatment of patients and their families in a self-directed manner. Emphasis will also be placed on reviewing PAEA End of Rotation topics as well as the NCCPA and PANCE Blueprint. Students will be required to take the Specific PAEA End of Rotation Examination on the End of the Rotation Day.

Term Offered: Spring, Summer, Fall

PHYA 6890 PA Independent Study

[0-4 credit hours]

The student and instructor will agree on a program of study that will enable the student to achieve his/her objectives. Requires approval of the Program Director. May be repeated for credit.

Term Offered: Spring, Summer, Fall