PHYSICIAN ASSISTANT PROGRAM (PHY ASST)

PHY ASST 348 — THEORIES AND PRACTICE IN EMERGENCY CARE
1 credit.
Knowledge, attitudes and skills needed to evaluate and initiate care for acutely ill and/or injured persons.
Requisites: Jr st in the Physician Assistant program or cons inst
Repeatable for Credit: No
Last Taught: Fall 2009

PHY ASST 402 — PEDIATRICS FOR PHYSICIAN ASSISTANTS I
1 credit.
Introductory pediatrics course covering problems encountered in the general pediatric population and reinforcing basic primary care clinical principles. Weekly lectures complementing material presented in concurrent PA 400.
Requisites: Jr st, Phy Asst or cons inst
Repeatable for Credit: No
Last Taught: Summer 2010

PHY ASST 403 — PEDIATRICS FOR PHYSICIAN ASSISTANTS II
1 credit.
Continuation of PA 402.
Requisites: Jr st, Phy Asst or cons inst
Repeatable for Credit: No
Last Taught: Summer 2010

PHY ASST 416 — ISSUES IN PROFESSIONAL PRACTICE FOR PHYSICIAN ASSISTANTS
1 credit.
Introduction to issues related to the physician assistant profession. Emphasis on developing an understanding of health care systems and the role of the physician assistant.
Requisites: Jr st in the Phy Asst Program
Repeatable for Credit: No
Last Taught: Spring 2010

PHY ASST 421 — ADVANCED PATIENT EVALUATION IN THE PRIMARY CARE SETTING II
2 credits.
Advanced physical examination and patient evaluation techniques; regional physical examinations; radiology; advanced evaluation of heart sounds.
Requisites: Phy Asst 420
Repeatable for Credit: No
Last Taught: Spring 2010

PHY ASST 440 — LABORATORY MEDICINE FOR PHYSICIAN ASSISTANTS
2 credits.
This course emphasizes the utilization of laboratory methods for the diagnosis and treatment of disease. The content focuses on those aspects pertinent to the provision of ambulatory, primary care.
Requisites: Jr st, Phy Asst or cons inst
Repeatable for Credit: No
Last Taught: Spring 2010

PHY ASST 516 — CONTEMPORARY PROFESSIONAL ISSUES - PHYSICIAN ASSISTANTS
1 credit.
Information course for senior physician assistant students in areas of certification and registration, employment, economics, profession organizations and political/legislative topics.
Requisites: Sr st in the Phy Asst Program
Repeatable for Credit: No

PHY ASST 525 — SPECIAL TOPICS IN PRIMARY HEALTH CARE
1-4 credits.
Variable content. Current topics, issues, and material related to the activities of the assistant to the primary care physician.
Requisites: None
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2011

PHY ASST 550 — FUNDAMENTALS OF CLINICAL MEDICINE
3 credits.
Introduces the student to information fundamental to understanding clinical medicine principles. Topics addressed include select areas of physiology-pathophysiology, pharmacology, laboratory medicine, and common systemic disease processes. There will also be instruction relative to cognitively approaching the patient.
Requisites: Declared in Physician Assistant program
Repeatable for Credit: No
Last Taught: Summer 2017

PHY ASST 601 — CLINICAL MEDICINE I
5 credits.
The first of a two course sequence instructing students about the knowledge and skills required to diagnose and treat patient health problems. Topics addressed include genomics, neurology, psychiatry, hematology/oncology, endocrinology, ophthalmology, otorhinolaryngology, and dermatology.
Requisites: Jr st, Physician Assistant majors or cons inst
Repeatable for Credit: No
Last Taught: Fall 2017

PHY ASST 602 — CLINICAL MEDICINE II
6 credits.
The second of a two course sequence instructing students relative to the knowledge and skills required to diagnose and treat patient health problems. Topics addressed include cardiology, pulmonology, nephrology/urology, gastroenterology, rheumatology, geriatrics, and family medicine. Phy Asst major or Pharm D major
Requisites: Jr st.
Repeatable for Credit: No
PHYSICIAN ASSISTANT PROGRAM (PHY ASST)

PHYSICIAN ASSISTANT PROGRAM: The Physician Assistant Program (PHY ASST) prepares students to function as independent practitioners and members of the health care team. The program is structured to provide a foundation of knowledge and skills necessary for the practice of medicine. Students in the program are required to complete a minimum of 72 credits beyond the baccalaureate degree, with 30 of those credits in their major field of study. PHY ASST courses are designed to be taken sequentially, and all prerequisites must be completed with a grade of "C" or better before registration in any course. Prerequisites for many PHY ASST courses must be completed within a specified period of time before registration. PHY ASST courses are taught at Medisel II, 2121 SE 21st St, Oklahoma City, OK 73105. For other resources, contact the Medical University of South Carolina Department of Physician Assistant Studies at 171 Ashley Avenue, Charleston, SC 29425 or call (843) 876-8860. The University reserves the right to make changes in the requirements and programs described in the catalogue, without advance notice and may do so in reaction to changes in accreditation requirements, student needs, or professional trends. The student is responsible for following the requirements established at the time of his/her application for admission.

PHYS ASST 603 — PEDIATRICS
2 credits.
Examines important aspects of primary care pediatrics including assessment of the child patient, preventive health, and pediatric diseases and conditions. The student will also learn examination techniques specific to the pediatric population.
Requisites: Admission to Physician Assistant program
Repeatable for Credit: No

PHYS ASST 610 — CLINICAL PREVENTION AND COMMUNITY PRACTICE I
1 credit.
The first of a two course sequence addressing the concepts of prevention and population health. Multiple topics will be explored including but not limited to: Health Information Literacy, Immunizations, Nutrition, Exercise, Communication and Counseling Skills, and Integrative Medicine.
Requisites: Admission to Physician Assistant program
Repeatable for Credit: No
Last Taught: Fall 2017

PHYS ASST 611 — CLINICAL PREVENTION AND COMMUNITY PRACTICE II
1 credit.
This is the second of a two course sequence addressing the concepts of prevention and population health and exploring the topics of: health systems/policy, and community aspects of practice. Case examples and community-oriented learning experiences will be incorporated into the course.
Requisites: Admission to Physician Assistant program
Repeatable for Credit: No

PHYS ASST 616 — PROFESSIONAL SEMINAR I
1 credit.
The first of a sequence of Professional Seminars occurring each semester throughout the course of the professional program. Emphasis will be placed on issues specific to the PA profession as well as introduction to the Capstone Project.
Requisites: Admission to Physician Assistant program
Repeatable for Credit: No
Last Taught: Summer 2017

PHYS ASST 617 — PROFESSIONAL SEMINAR II
1 credit.
Continuing the professional seminar series, this course emphasizes medical ethics as well as fundamental principles of evidence-based medicine. Research and statistical concepts are taught within the framework of epidemiologic study to develop skills in evaluating and interpreting the medical literature.
Requisites: Admission to Physician Assistant program
Repeatable for Credit: No
Last Taught: Fall 2017

PHYS ASST 618 — PROFESSIONAL SEMINAR III
1 credit.
Continuing the professional seminar series, this course emphasizes an understanding of basic research methodology, project development, collaborative research, and project evaluation.
Requisites: Admission to Physician Assistant program and completion of antecedent summer and fall semesters
Repeatable for Credit: No

PHYS ASST 619 — HISTORY AND PHYSICAL EXAMINATION FOR PHYSICIAN ASSISTANTS
4 credits.
Provides the primary care physician assistants with the knowledge and physical exam skills to evaluate patients in a variety of settings. Normal and pathological physical findings are discussed. Students master interview skills and physical exam skills applicable to all patients. Selected physical exam techniques are emphasized.
Requisites: PA-3 or PA-4 classification; or cons inst
Repeatable for Credit: No
Last Taught: Summer 2017

PHYS ASST 620 — ADVANCED PATIENT EVALUATION I
1 credit.
Advanced physical examination and patient evaluation techniques with an emphasis on the musculoskeletal system; selected physical exam procedures in the complete evaluation of patients; advanced medical interviewing skills.
Requisites: Phy Asst 419
Repeatable for Credit: No
Last Taught: Fall 2017

PHYS ASST 621 — ADVANCED PATIENT EVALUATION IN THE PRIMARY CARE SETTING II
1 credit.
Instruction in advanced skills in history and physical examination including comprehensive patient history and physical examination, focused history with related male genitalia and rectal exams, and focused history with female breast and pelvic exams.
Requisites: Admission to Physician Assistant program
Repeatable for Credit: No

PHYS ASST 622 — FIELD EXPERIENCE IN PATIENT ASSESSMENT
2 credits.
Requisites: Phy Asst 421
Repeatable for Credit: No

PHYS ASST 630 — WOMEN'S HEALTH FOR PHYSICIAN ASSISTANTS
3 credits.
Provides Physician Assistant (PA) students a theoretical and clinical background for the assessment, diagnosis and management of problems in obstetrics and gynecology.
Requisites: Declared in Physician Assistant Program
Repeatable for Credit: No
Last Taught: Fall 2017

PHYS ASST 640 — CLINICAL PHARMACOLOGY I
2 credits.
The first clinical pharmacology course will emphasize pharmacotherapeutics relative to disease processes of the neurologic, psychiatric, hematologic/oncologic, ophthalmologic, otolaryngologic, endocrinologic, and dermatologic systems. Antimicrobial and pain management principles will also be addressed.
Requisites: Admission to Physician Assistant program
Repeatable for Credit: No
Last Taught: Fall 2017
PHY ASST 641 — CLINICAL PHARMACOLOGY II
2 credits.

The second Clinical Pharmacology course will emphasize pharmacotherapeutics relative to disease processes of the cardiovascular, pulmonary, renal, urologic, gastrointestinal, and rheumatologic systems. Other topics addressed include geriatric pharmacology, pharmacoeconomics, complementary and alternative medicines, and treatment of sexually transmitted infections.

Requisites: Admission to Physicians Assistant Program
Repeatable for Credit: No

PHY ASST 648 — EMERGENCY MEDICINE
2 credits.

Fundamental concepts related to the provision of emergency medical care and urgent ambulatory care.

Requisites: PA classification or cons inst
Repeatable for Credit: No

PHY ASST 650 — DIAGNOSTIC METHODS I
2 credits.

Primary focus is laboratory medicine assessments and ECG interpretation with additional content in imaging modalities, utilization of survey tools, screening assessments, as well as selected specialized examination techniques.

Requisites: Declared in Physician Assistant program
Repeatable for Credit: No

Last Taught: Fall 2017

PHY ASST 651 — DIAGNOSTIC METHODS II
3 credits.

Primary focus is laboratory medicine assessments, heart sounds interpretation, and imaging modalities.

Requisites: Admission to Physician Assistant program
Repeatable for Credit: No

PHY ASST 660 — CLINICAL SKILLS LABORATORY
1 credit.

This course will be taught as a hands-on clinical skill laboratory to include: dermatologic procedures, splinting, casting, suturing, IV access, venipuncture, injections, joint aspiration/injection, and advanced cardiac life support (ACLS).

Requisites: Admission to the Physician Assistant program
Repeatable for Credit: No

PHY ASST 670 — FUNDAMENTALS OF SURGERY
1 credit.

An introduction to the role of the physician assistant in surgery, fundamental principles of pre-, intra- and post-operative surgical care, operating room aseptic technique, and common strategies to avoid and to treat surgical complications.

Requisites: PA 400, PA 401
Repeatable for Credit: No

Last Taught: Summer 2017

PHY ASST 699 — INDEPENDENT STUDY
1-3 credits.

Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions

PHY ASST 700 — RURAL HEALTH FOR PHYSICIAN ASSISTANTS
1 credit.

Realizing the rural healthcare shortage, this course emphasizes an understanding of healthcare issues unique to rural populations with the intent to attract Physician Assistants to work in these underserved areas.

Requisites: Admission to Physician Assistant program and completion of antecedent summer, fall and spring semesters
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

PHY ASST 716 — PROFESSIONAL SEMINAR IV
1 credit.

Emphasis will be on placed on refining the capstone project and writing an initial paper draft. The course will also include instructional content on professional issues in preparation for clinical experiences and clinical practice.

Requisites: Admission to Physician Assistant program and completion of antecedent summer, fall and spring semesters
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

Last Taught: Summer 2017

PHY ASST 717 — PROFESSIONAL SEMINAR AND CAPSTONE I
1 credit.

Emphasis will be placed on completion of capstone projects with preparations for oral and poster presentation of the projects. Also includes instructional content on professional issues in preparation for certification and clinical practice.

Requisites: Admission to Physician Assistant program and completion of antecedent semesters
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

Last Taught: Fall 2017

PHY ASST 718 — PROFESSIONAL SEMINAR AND CAPSTONE II
1 credit.

Emphasis will be placed on preparing poster and lecture presentation for completed capstone projects. Also includes instructional content on professional issues in preparation for certification and clinical practice.

Requisites: Phys Asst 717
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
PHY ASST 729 — PHYSICIAN ASSISTANT PRECEPTORSHIP: SURGERY
8 credits.
A 2 month intensive clinical learning experience with an emphasis in surgery and taking place in a variety of off-campus clinical settings under the direction of a supervising physician preceptor.
Requisites: Successful completion of the didactic year PA training, with promotion to the clinical year
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

PHY ASST 739 — PHYSICIAN ASSISTANT PRECEPTORSHIP: FAMILY MEDICINE
8 credits.
A 2 month intensive clinical learning experience with an emphasis in family medicine and taking place in a variety of off-campus clinical settings under the direction of a supervising physician preceptor.
Requisites: Successful completion of the didactic year PA training, with promotion to the clinical year
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

PHY ASST 749 — PHYSICIAN ASSISTANT PRECEPTORSHIP: INTERNAL MEDICINE
8 credits.
A 2 month intensive clinical learning experience with an emphasis in internal medicine and taking place in a variety of off-campus clinical settings under the direction of a supervising physician preceptor.
Requisites: Successful completion of the didactic year PA training, with promotion to the clinical year
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

PHY ASST/NURSING/PHARMACY/PHY THER/POP HLTH 758 — INTERPROFESSIONAL PUBLIC HEALTH LEADERSHIP
1 credit.
Provides students with an opportunity to engage in collaboration, problem solving and teamwork in an interdisciplinary framework as they prepare an Interprofessional Case Competition (Fall) or as they prepare a collaborative case conference for the health professional students on campus (Spring). As students from different healthcare and public health backgrounds interact, learn together and share their experiences, they will become better prepared to lead and collaborate professionally in the future.
Requisites: Graduate or professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

PHY ASST 759 — PHYSICIAN ASSISTANT PRECEPTORSHIP: EMERGENCY MEDICINE
8 credits.
A 2 month intensive clinical learning experience with an emphasis in emergency medicine and taking place in a variety of off-campus clinical settings under the direction of a supervising physician preceptor.
Requisites: Successful completion of the didactic year PA training, with promotion to the clinical year
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

PHY ASST 769 — PHYSICIAN ASSISTANT PRECEPTORSHIP: ELECTIVE
8 credits.
A 2 month intensive clinical learning experience with an emphasis in an elective specialty discipline and taking place in a variety of off-campus clinical settings under the direction of a supervising physician preceptor. Elective specialty disciplines include but are not limited to family medicine, internal medicine, emergency medicine, general surgery, cardiothoracic surgery, orthopedic surgery, ENT, dermatology, pediatrics, women's health and psychiatry/behavioral health.
Requisites: Successful completion of the didactic year physician assistant training, with promotion to the clinical year training.
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

PHY ASST 787 — SEMINAR ON INTEGRATING PUBLIC HEALTH INTO PA PRACTICE
1 credit.
This course is a requirement for students in the PA Path of Distinction (PoD). The purpose of the Seminar is to provide direction to Physician Assistant (PA) PoD students for the PoD capstone project and to provide an overview of public health, some of its current issues and tools to help become engaged in the communities in which clinical experiences and practice takes place.
Requisites: Graduate or professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2017