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The College of Medicine: Biomedical Graduate Studies/Professional Studies 2011-2012 Graduate Course Descriptions (Quarter Term Courses)

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Forensic Criminalistic Analysis Courses

FCA 501 - Anatomy for the Criminal Justice Practitioner
Students will be presented an overview of human anatomy and physiology as it applies to the forensic sciences. An organ system approach will be followed and each class will be presented with relevant case studies to be addressed by class participants.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 516 Minimum Grade: C

Repeat Status: Not repeatable for credit

FCA 502 - Medicolegal Death Investigation

Students will learn the history of pathology as well as the principles of manner, mode and cause of death from a medical standpoint.

Postmortem changes after death, along with death from blunt force injury, sharp force injury, asphyxia, gunshot injury and traffic crash injuries will also be studied. Case studies will be presented and discussed to illustrate the lectures in this course.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Science SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 516 Minimum Grade: C

Repeat Status: Not repeatable for credit

Forensic Science Courses

MFSP 502 - Bio Aspects - Forensic Sci

Biological sciences of forensic pathology, toxicology, anthropology, and serological techniques/molecular biology. Methods of human identification, time, cause and manner of death. Study of the pathology of trauma, sudden and unexpected death, and child abuse, as well as the acquisition, identification and quantitation of drugs from biological materials.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 503 - Forensic Anat & Physiology I

An overview of human anatomy and physiology, with emphasis upon application within the forensic sciences. An organ system approach is followed, with each class incorporating relevant case studies addressed by class participants.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 504 - Forensic Anat & Physiology II

A continuation of MFSP 503. Overview of human anatomy and physiology, with emphasis upon application within the forensic sciences. An organ system approach is followed, with each class incorporating relevant case studies addressed by class participants.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 503 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 505 - Forensic Pathology I

Review of forensic pathology; human identification, time of death, injury causation and analysis, and determination of cause and manner of death. Includes pathology of natural disease, application of related fields such as forensic toxicology, anthropology and odontology. Integration of scene evidence to allow for scene reconstruction.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 502 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 506 - Forensic Pathology II

A continuation of MFSP 505. A review of forensic pathology; human identification, time of death, injury causation and analysis, and determination of cause and manner of death. Includes pathology of natural disease, application of related fields such as forensic toxicology, anthropology and odontology. Integration of scene evidence to allow for scene reconstruction.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 505 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 507 - Forensic Anthropology I

Discussion of human osteology and distinction of human skeletal remains from non-human, with applications to human identification, injury causation, time of death and natural disease. Excavation techniques, site reconstruction and human paleopathology are introduced. May be repeated once for credit.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 502 Minimum Grade: C

Repeat Status: Course can be repeated 1 time(s) for 3.00 credit(s)

MFSP 508 - Forensic Anthropology II

A continuation of MFSP 507. A discussion of human osteology and distinction of human skeletal remains from non-human, with applications to human identification, injury causation, time of death and natural disease. Excavation techniques, site reconstruction and human paleopathology are introduced. May be repeated once for credit.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 507 Minimum Grade: C

Repeat Status: Course can be repeated 1 time(s) for 3.00 credit(s)

MFSP 509 - Forensic Toxicology I

Review of the chemistry, biology and pharmacodynamic principles associated with forensic toxicology, with emphasis upon the forensic aspects of alcohol (ethanol), illicit drugs and selected prescription/over-the-counter pharmaceuticals. Separation techniques, means of drug identification and qualitative vs. confirmatory quantitative analytical procedures are discussed.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 510 - Forensic Toxicology II

A continuation of MFSP 509. A review of the chemistry, biology and pharmacodynamic principles associated with forensic toxicology, with emphasis upon the forensic aspects of alcohol (ethanol), illicit drugs and selected prescription/over-the-counter pharmaceuticals. Separation techniques, means of drug identification and qualitative vs. confirmatory quantitative analytical procedures are discussed.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 509 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 511 - Criminal Law and the Courts I

Discussion of those procedural rules affecting the collection and use of physical evidence in a court of law, with emphasis upon court opinions defining search and seizure and admissibility of evidence. Court opinion are illustrated through the introduction of relevant case studies.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 512 - Criminal Law and the Courts II

A continuation of MFSP 511. A discussion of those procedural rules affecting the collection and use of physical evidence in a court of law, with emphasis upon court opinions defining search and seizure and admissibility of evidence. Court opinion are illustrated through the introduction of relevant case studies.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 511 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 513 - Summer Practicum

The practicum is conducted at a variety of sites where students are able to get hands-on experiences in a broad variety of forensic areas.

Credits: 4.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 501 Minimum Grade: C and MFSP 504 Minimum

Grade: C and MFSP 506 Minimum Grade: C and MFSP 508 Minimum

Grade: C and MFSP 510 Minimum Grade: C and MFSP 512 Minimum

Grade: C

Repeat Status: Not repeatable for credit

MFSP 514 - Forensic Statistics

The application of statistical methods to the forensic sciences, to include population statistics, trend/data analysis, inference and means for surveillance/epidemiologic analysis of crime. Properties of basic probability functions and experimental design are addressed.

Application to regional/national drug use patterns, homicide, and suicide are made.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 501 Minimum Grade: C and MFSP 504 Minimum

Grade: C and MFSP 506 Minimum Grade: C and MFSP 508 Minimum

Grade: C and MFSP 510 Minimum Grade: C and MFSP 512 Minimum

Grade: C

Repeat Status: Not repeatable for credit

MFSP 515 - Cyber Crime

Principles of handwriting analysis, printing, and duplication procedures, with discussion of paper manufacture, fiber analysis, and techniques utilized to assess document alterations. Discussion of computer technology, principle means of cyber-crime and identity theft, and techniques for detection and prevention of same.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 501 Minimum Grade: C and MFSP 504 Minimum

Grade: C and MFSP 506 Minimum Grade: C and MFSP 508 Minimum

Grade: C and MFSP 510 Minimum Grade: C and MFSP 512 Minimum

Grade: C

Repeat Status: Not repeatable for credit

MFSP 516 - Techniques: Crime Scene Invest

Introduction to the crime scene, with emphasis upon scene protection, means of documentation and evidence identification/collection. Chain-of-custody procedures, evidence submission/retention. Biohazard issues and legal considerations are addressed.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 501 Minimum Grade: C and MFSP 504 Minimum

Grade: C and MFSP 506 Minimum Grade: C and MFSP 508 Minimum

Grade: C and MFSP 510 Minimum Grade: C and MFSP 512 Minimum

Grade: C

Repeat Status: Not repeatable for credit

MFSP 517 - Arson and Explosive Analysis

Chemistry of fire and relevant terminology for fire scene investigation. Points of origin, detection of accelerants, collection preservation of arson evidence, flammable residues are addressed. Introduction to the science of explosives, review of the collection and analysis of explosive residues/debris. Case students and techniques used in arson/explosion scene reconstruction.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 501 Minimum Grade: C and MFSP 504 Minimum

Grade: C and MFSP 506 Minimum Grade: C and MFSP 508 Minimum

Grade: C and MFSP 510 Minimum Grade: C and MFSP 512 Minimum

Grade: C

Repeat Status: Not repeatable for credit

MFSP 518 - Latent Fingerprint Analysis

Review of the fundamental principles of fingerprinting, with discussion of the history, means of fingerprint classification, and the utilization of Automated Fingerprint Identification Systems. Techniques utilized in the development of fingerprints at the crime scene and fingerprint preservation are addressed, as are relevant case studies and probability analysis applications.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 519 - Intro to Basic Forensic Engr

The use of science, methodology and engineering principles involved in the diagnosis of some common types of accidents and failures. Emphasis is stresses the necessity of the investigators ability to pursue multiple avenues of investigation simultaneously. A foundation of undergraduate pre-calculus and one term of undergraduate physics are presumed.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 501 Minimum Grade: C and MFSP 504 Minimum

Grade: C and MFSP 506 Minimum Grade: C and MFSP 508 Minimum

Grade: C and MFSP 510 Minimum Grade: C and MFSP 512 Minimum

Grade: C

Repeat Status: Not repeatable for credit

MFSP 520 - Firearms & Tool Mark Analysis

The study of class and individualizing characteristics of surface features of inanimate objects and their impressions. Review includes firearms analysis, including bullet and cartridge comparisons, analysis of gunpowder residues, and the collection and preservation of such evidence. Presentation of such evidence in a court room setting is addressed.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 521 - Techniques of Interview & Interrogation

The current principles used in the art of interviewing and interrogation are examined and discussed. The most popular principles and schools of thought on the topics are presented to provide the student with a multifaceted background. The polygraph and criminal personality profiling is covered.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 522 - Trace Materials Analysis

Trace materials in the forms of hair, fiber, paint, glass, soil, mineral and botanical evidence are examined and discussed. The proper identification, recovery, analysis and preservation of such materials are examined and practices. Application of such evidence to relevant case studies is presented.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 523 - Vehicle Accident Recognition

The course familiarizes the student with the basic principles, concepts and tools used within the profession to document and determine traffic accident causation and responsibility. The course relies on real-world motor traffic collisions with forensics pathological correlation. Vehicular occupant, motorcycle and pedestrian accident kinematics are examined, discussed and analyzed.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 519 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 524 - Footwear/Tire Track Analysis

Utilization of the study of class individual individualizing characteristics of surface features as applied to footwear patterns and tire track impressions. Means of documentation, recovery and analysis as it pertains to the totality of the crime scene is emphasized utilizing relevant case studies.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 525 - Nuclear/Bio/Chem Terrorism

Identification of and historical precedents for nuclear, biological and chemical agents utilized as terrorist weapons are examined and discussed, along with the development and current accessibility nuclear weapons for terrorist purposes. Monitoring/detection equipment/personnel protective equipment is addresses. The multi-agency concepts in responding to terrorist incidents are examined as is the international implications.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 526 - Bloodstream Pattern Analysis

A background in the terminology, pattern recognition, and physical principles involved in bloodstain analysis is addressed. Documentation and proper collection of stain samples are covers along with the ability to accurately reconstruct the events that occurred in a crime scene involving bloodshed. There is discussion/application of contemporary serologic techniques to case studies.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 527 - Research Project

Directed readings as assigned by sponsoring faculty in concert with target research project. This experience expands and refines the student's understanding of specific area on the forensic sciences, with the final objective of a manuscripts publishable within a peer -reviewed journal. Course may not be repeated for credit.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 528 - Intro Crim Law/Trial Process

Students learn the principles to substantive criminal law. After exploring preliminary issues such as: why we have criminal law, where the rules of criminal law come from, how to find the rules, and how the

statutes containing the rules must be written; elements of all crimes are studied -actions, means, reasons, and causation.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 529 - Ethics for the Forensic Scientist

Ethics for the Forensic Scientist will cover the requirements and the implementation of the ethical behavior in the daily work place, legal system, and law enforcement.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Repeat Status: Not repeatable for credit

MFSP 530 - Forensic Taphonomy

Students will learn and apply principles of postmortem changes that human remains undergo. These changes affect estimates of time since death, identification, and the ability to determine cause and manner of death. Students will learn how postmortem environments influence the survival of human remains and other evidence.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 516 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 531 - Forensic Photography

Students will learn and apply principles of photography in both the film and digital format. Within the field of forensic science, the use and understanding of photography is essential. The areas of aerial, underwater and macro photography as used to document and present criminal investigations are complex and complicated. A full understanding of light and photographic equipment is accomplished through practical exercises.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: MFSP 516 Minimum Grade: C

Repeat Status: Not repeatable for credit

MFSP 532 - Forensic Microbiology

This lecture based course introduces various aspects of the emerging field of forensic microbiology. The first section will cover basic virology, bacteriology, fungi and protozoa. The second section will focus on the most important organisms and toxins for biocrimes and bioterrorism. Lastly, modern methodology in forensic microbiology will be discussed.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 533 - Principles of Immunology

This lecture series addresses the immune system. The first section will provide an overview of basic immunologic concepts, such as cellular and soluble components, their interaction and crucial methodology. The second part will discuss how the immune system reacts to specific challenges with a special focus on infectious diseases.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 534 - Human Osteology and Calcified Tissue Biology

Consists of the study of cartilage, bone and dental tissues and the human skeletal system they comprise. Lectures and laboratories provide students with a detailed knowledge of the gross and microscopic structure of the human skeleton and the tissues interfacing directly with it as throughout life.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Semester

Repeat Status: Not repeatable for credit

MFSP 539 - The Autopsy: History, Principles and Applications

This course will address the origins of the autopsy, its historical and contemporary importance in medical practice, and its use both as a means of medical quality control and for facilitating medico-legal death investigation. Systemic anatomy/pathology, relevant autopsy techniques, and the 'virtual autopsy' will be highlighted.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 540 - Intro to Forensic Engineering and Science

Students will learn to apply fundamental principles of engineering mechanics to problems in accident reconstruction including vehicular accident reconstruction, occupant kinematics, injury biomechanics, industrial accidents, and the analysis/reconstruction of structural collapses due to defective design and/or terrorist attacks. Real world cases and examples will be used to illustrate concepts presented in the course including high profile events.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 541 - Intro to Forensic Radiology

To provide a foundation of the history of radiology and basic technological advancements within the field. Subsequent lectures will address radiologic approaches to the assessment of child abuse, elder abuse and various types of inflicted trauma. Applications to human identification challenges and other forensic concerns will be presented.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 542 - Intro to Trauma Surgery/Forensic Applications

Overview of the history and epidemiology of trauma, followed by the fundamental approach to the traumatized patient. Subsequent discussion will include assessment and treatment of unintentional/inflicted trauma, diagnosis/treatment of environmental injuries and pediatric trauma, the influence of ethanol and drug abuse, and surgical care of the wartime wounded.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 543 - Intro to Forensic Pediatrics

Introductory lectures will focus upon general pediatrics, neonatal and infant assessment and normal child development. Subsequent topics will address the evaluation, treatment and prevention of child abuse and neglect, with emphasis upon diagnosis of inflicted trauma, sexual abuse, psychological abuse, medical neglect and Munchausen by proxy.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 544 - Intro to Forensic Psychiatry

Initial lectures will address clinical psychiatry foundations, its history and recent neurological, biochemical and pharmacologic innovations. Subsequent topic areas will focus upon competency to stand trial issues, defenses based on psychiatric illnesses, approaches to sentencing recommendations, risk assessment and management of repeat offenders and assessment of learning disabled offender.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 545 - Special Topics in Cell Biology

This class covers special topics in cell biology by student presentations and discussions of journal articles covering current research in the field. In addition to presentations, students will write a paper reviewing one of the topics discussed during the course.

Credits: 3.00

College: College of Medicine

Department: Forensic Science

Restrictions:

Must be enrolled in one of the following Program(s):

Master of Forensic Sci SOM GR

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Repeat Status: Not repeatable for credit

MFSP 546 - Forensic DNA Analysis

This course combines scientific background with hands-on technical training for DNA analysis in the forensic context. Lectures will cover the science underlying techniques employing DNA. Through laboratory work, students will familiarize themselves with techniques essential for modern forensic science, such as DNA isolation, restriction analysis, hybridization, RFLP and PCR.

Credits: 4.00

College: College of Medicine
Department: Forensic Science
Restrictions:
Must be enrolled in one of the following Program(s):
Master of Forensic Sci SOM GR
Must be enrolled in one of the following Program Level(s):
Graduate Quarter
Repeat Status: Not repeatable for credit

MFSP 547 - Homicide Investigation
This course examines, discusses and reviews the protocols and methodologies of investigation the most serious of all crimes. The student will learn the tactics, procedures and forensic techniques involved in a competent, professional and scientific death scene investigation involving the manner, mode and course of death.
Credits: 3.00
College: College of Medicine
Department: Forensic Science
Restrictions:
Must be enrolled in one of the following Program Level(s):
Graduate Quarter
Graduate Semester
Repeat Status: Not repeatable for credit

MFSP 548 - Criminal Investigative Analysis
The course will review the nature of criminal behavior and the factors that tend to lead to the common behaviors that can be profiled. Profiles will be developed and applied to a wide variety of violent crimes including murder, rape and arson. The organized and disorganized patterned behavior of serial offenders will be examined.
Credits: 3.00
College: College of Medicine
Department: Forensic Science
Restrictions:
Must be enrolled in one of the following Program Level(s):
Graduate Quarter
Graduate Semester
Repeat Status: Not repeatable for credit

MFSP 549 - Forensic Graduate Seminar
This course is designed to have multiple working professionals within the forensic science disciplines make formal presentations on timely topics of interest to the student body. During the second half of the course the students are required to research timely topics of interest within the forensic sciences and prepare and give a formal presentation to the student body. Presentations include PowerPoint and poster presentations.
Credits: 1.50
College: College of Medicine
Department: Forensic Science
Restrictions:
Must be enrolled in one of the following Program Level(s):
Graduate Quarter
Graduate Semester
Repeat Status: Not repeatable for credit

MFSP 599 - Special Topics
Credits: 1.00 to 6.00
College: College of Medicine
Department: Forensic Science
Restrictions:
Must be enrolled in one of the following Program(s):
Master of Forensic Sci SOM GR
Must be enrolled in one of the following Program Level(s):
Graduate Quarter
Repeat Status:

Physician Assistant Courses

PA 541 - Advanced Anatomy
This lecture and laboratory course provides a regional approach to human anatomy for clinical applications through the linking of anatomical structure to physiology and pathophysiology. The anatomy of seven bodily regions is reviewed and anatomical variations are discussed. Laboratories utilizing pro-sected cadavers, clinical specimens, radiographs and interactive websites complement lecture material.
Credits: 4.00
College: Nursing & Health Professions
Department: CNHP - Physicians Assistant
Restrictions:
Must be enrolled in one of the following Program Level(s):
Graduate Quarter
Must be enrolled in one of the following Major(s):
Physician Assistant
Repeat Status: Not repeatable for credit

PA 542 - Patient Communication
This lecture and seminar course provides instruction in communication skills for the effective exchange of information with patients. Addressed in the course are patient-provider collaboration, health literacy, and communication techniques for patients across cultural and generational groups, and counseling techniques for patient education, treatment adherence, and health promotion.
Credits: 2.00
College: Nursing & Health Professions
Department: CNHP - Physicians Assistant
Restrictions:
Must be enrolled in one of the following Program Level(s):
Graduate Quarter
Must be enrolled in one of the following Major(s):
Physician Assistant
Repeat Status: Not repeatable for credit

PA 543 - Ethical Issues in Physician Assistant Practice
This is a lecture and seminar course addressing ethical and professional issues in Physician Assistant practice. Topics include medical ethics, ethical decision-making, professional responsibility, and commitment to patients' welfare. The link between health as a human right and medical ethics is explored.
Credits: 2.00
College: Nursing & Health Professions
Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 544 - Clinical Assessment

This course provides the PA student with the knowledge, demeanor, and motor skills required to professional and proficiently elicit thorough medical histories and perform precise physical examination techniques for each body system. Accurate, organized recordings of clinical findings from patient encounters in the hospital setting are required.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 542 Minimum Grade: C (May be taken concurrently) and PA 543 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 545 - Physician Assistant Practice

This course introduces the history, education, and professional organizations in the Physician Assistant profession and discusses professional practice issues in the context of leadership and stewardship theories while utilizing PAs as role models. Completion of a service learning project is required for course completion.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 546 - Health Policy for Physician Assistant Practice

This course explores the US health care system and health policy issues related to the costs of health care, inequities in quality and access to care, and current US policies. The role of Physician Assistants in the health care system is examined along with issues related to malpractice, reimbursement, and quality assurance.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 547 - Epidemiology for Practice and Prevention

This lecture and inquiry learning course introduces students to epidemiologic principles, methodologies, and applications for primary care clinical practice. Course content includes an overview of epidemiologic and research concepts and levels of scientific evidence for development of evidence-based practice skills.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 548 - Principles of Medical Science I

This course is the first of three courses which provide the physiologic foundation for clinical courses. Emphasizing the complex nature of bodily functions, the course reviews normal physiology and provides a bridge to the concepts of pathophysiology that underlie dysfunction and disease. Clinical applications enhance understanding and introduce the skill of clinical reasoning.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 541 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 549 - Principles of Medical Science II

This course is the second of three courses which provide the physiologic foundation for clinical courses. Emphasizing the complex nature of bodily functions, the course reviews normal physiology and provides a bridge to the concepts of pathophysiology that underlie dysfunction and disease. Clinical applications enhance understanding and introduce the skill of clinical reasoning.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 541 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 550 - Principles of Medical Science II/I

This course is the last of three courses which provide the physiologic foundation for clinical courses. Emphasizing the complex nature of bodily functions, the course reviews normal physiology and provides a bridge to the concepts of pathophysiology that underlie dysfunction and disease in geriatrics, women's health, pediatrics, emergency medicine, and surgery while refining clinical reasoning skills.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 541 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 551 - Pharmacology and Therapeutics I

This is the first in a series of three courses to provide Physician Assistant students with basic knowledge in pharmacology and therapeutics. Principles of pharmacodynamics, pharmacokinetics, and clinical therapeutics are discussed for applications to primary care practice.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 548 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 552 - Pharmacology and Therapeutics II

This is the second in a series of three courses to provide Physician Assistant students with basic knowledge in pharmacology and therapeutics. Principles of pharmacodynamics, pharmacokinetics, and clinical therapeutics are discussed for applications to primary care practice.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 551 Minimum Grade: C and PA 549 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 553 - Pharmacology and Therapeutics III

The third in a series of three courses, this course provides Physician Assistant students with basic knowledge in pharmacology and therapeutics for specific patient populations. Principles of

pharmacodynamics, pharmacokinetics, and clinical therapeutics across the lifespan are discussed for applications to primary care practice.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 551 Minimum Grade: C and PA 550 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 554 - Biopsychosocial Issues in Patient Care

This course introduces the PA student to the biopsychosocial model of patient care. Covering topics ranging from normal psychological development and human sexuality across the lifespan to responses to stress, injury, illness, and death, the course also introduces psychiatric disorders common to primary care practice.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 542 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 556 - Clinical Medicine I

This is the first of two courses designed to prepare the PA student with a body-system, problem-oriented approach to diseases encountered in primary care. Discussion of the etiology, epidemiology, pathophysiology, clinical manifestations, and diagnostic studies for common disorders allows the PA student to problem solve through clinical reasoning.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 559

Pre-Requisites: PA 542 Minimum Grade: C and PA 544 Minimum Grade: C and PA 548 Minimum Grade: C (May be taken concurrently) and PA 551 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 557 - Clinical Medicine II

This is the second of two courses designed to prepare the PA student with a body-system, problem-oriented approach to diseases encountered in primary care. Discussion of the etiology, epidemiology, pathophysiology, clinical manifestations, and diagnostic studies for

common disorders allows the PA student to problem solve through clinical reasoning.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 560

Pre-Requisites: PA 542 Minimum Grade: C and PA 544 Minimum Grade:

C and PA 549 Minimum Grade: C (May be taken concurrently) and PA

552 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 558 - Clinical Medicine III

The course prepares the PA student for clinical rotations through lecture and a problem-oriented approach to disorders in geriatrics, women's health, pediatrics, emergency medicine, and surgery.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 561

Pre-Requisites: PA 542 Minimum Grade: C and PA 544 Minimum Grade:

C and PA 556 Minimum Grade: C and PA 557 Minimum Grade: C and PA

551 Minimum Grade: C and PA 559 Minimum Grade: C and PA 560

Minimum Grade: C and PA 550 Minimum Grade: C (May be taken

concurrently) and PA 553 Minimum Grade: C (May be taken

concurrently)

Repeat Status: Not repeatable for credit

PA 559 - Clinical Skills I

This is the first of three courses designed to prepare the PA student with a problem-oriented, clinical approach to the evaluation, diagnosis, and management of common primary care disorders. The course uses clinical reasoning and clinical skills application laboratories based on clinical scenarios to facilitate skill development.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 556

Pre-Requisites: PA 542 Minimum Grade: C and PA 544 Minimum Grade:

C and PA 548 Minimum Grade: C (May be taken concurrently) and PA

551 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 560 - Clinical Skills II

This is the second in a series of three courses designed to prepare the PA student with a problem-oriented, clinical approach to the evaluation, diagnosis, and management of common primary care disorders. The course uses clinical reasoning and clinical skills application laboratories based on clinical scenarios to facilitate skill development.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 557

Pre-Requisites: PA 542 Minimum Grade: C and PA 544 Minimum Grade:

C and PA 549 Minimum Grade: C (May be taken concurrently) and PA

552 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 561 - Clinical Skills III

This is the third in series of three courses designed to prepare the PA student with a problem oriented, clinical approach to the evaluation, diagnosis, and management of common primary care disorders. The course uses clinical reasoning and clinical skills laboratories based on clinical scenarios to facilitate skill development.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 558

Pre-Requisites: PA 542 Minimum Grade: C and PA 544 Minimum Grade:

C and PA 556 Minimum Grade: C and PA 557 Minimum Grade: C and PA

550 Minimum Grade: C (May be taken concurrently) and PA 553

Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 570 - Clinical Assessment Competency

Clinical Assessment Competency is a required course for any PA student who experiences an interruption in the usual sequence of didactic and clinical training. The course provides the forum for the student to demonstrate competencies in knowledge and skills germane to clinical assessment requisite to patient evaluation and clinical practice.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 544 Minimum Grade: C

Repeat Status: Course can be repeated 3 time(s) for 3.00 credit(s)

PA 571 - Competency for Clinical Training

Competency for Clinical Training is a required course for any PA student who experiences an interruption in the usual sequence of didactic and clinical training after the second quarter in the program. The course provides the forum for the student to demonstrate competencies requisite for continued didactic and/or clinical training.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 544 Minimum Grade: C and PA 551 Minimum Grade:

C and PA 556 Minimum Grade: C and PA 559 Minimum Grade: C

Repeat Status: Course can be repeated 3 time(s) for 3.00 credit(s)

PA 581 - Research Methods and Designs

The course introduces the knowledge and skills necessary to evaluate published research for clinical practice. Topics in this web-based course are research concepts, hypotheses and questions; literature searches and reviews; ethics in research; qualitative and quantitative research methods and designs including sampling, data collection and interpretation; and levels of scientific evidence.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 582 - Principles of Evidence-Based Practice

With an emphasis on developing skills for clinicians to critically appraise the validity of medical literature, this online course offers a critical analysis of several types of research studies for use in clinical practice.

The course requires knowledge and application of basic research and statistical concepts, and online searching skills.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 581 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 583 - Clinical Application of Epidemiology

This online course introduces basic terminology and concepts in epidemiology and develops knowledge for application of evidence-based health promotion strategies to clinical practice. The leading causes of morbidity and mortality in the United States are discussed in conjunction with recommendations for health promotion across the lifespan and population groups.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 584 - Health Policy

This web-based course explores health policy issues relating to the cost of health care and disparities in access and quality of care, and strategies to address the deficiencies in the US health care system. Each student critiques a health policy imperative and proposes solutions to remedy the issues identified in the critique.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 585 - Leadership and Stewardship

Key concepts of leadership with a focus on servant and visionary leadership are discussed in this online course. Stewardship and strategies for effecting change as a leader are explored through cases applicable to professional settings. Synthesis of course content is evidenced in the compilation of a professional leadership portfolio.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Repeat Status: Not repeatable for credit

PA 629 - Medicine Rotation

The Medicine Rotation is a clinical course that provides the PA student with adult patient care experience under the supervision of a licensed medical practitioner. Students apply knowledge and skills learned in the didactic year to patient evaluation, and begin to apply patient management strategies to patients in an assigned clinical setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 545 Minimum Grade: C and PA 546 Minimum Grade:

C and PA 547 Minimum Grade: C and PA 550 Minimum Grade: C and PA

553 Minimum Grade: C and PA 554 Minimum Grade: C and PA 558

Minimum Grade: C and PA 561 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 630 - Pediatrics Rotation

The Pediatrics Rotation is a clinical course that provides the PA student with pediatric patient care experience under the supervision of a licensed medical practitioner. Students apply knowledge and skills learned in the didactic year to patient evaluation, and begin to apply patient management strategies to patients in an assigned clinical setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 545 Minimum Grade: C and PA 546 Minimum Grade:

C and PA 547 Minimum Grade: C and PA 550 Minimum Grade: C and PA

553 Minimum Grade: C and PA 554 Minimum Grade: C and PA 558

Minimum Grade: C and PA 561 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 631 - Obstetrics and Gynecology Rotation

The OB/Gyn Rotation is a clinical course that provides the PA student with prenatal and gynecologic patient care experience under the supervision of a licensed medical practitioner. Students apply knowledge and skills learned in the didactic year to patient evaluation, and begin to apply patient management strategies to patients in an assigned clinical setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 545 Minimum Grade: C and PA 546 Minimum Grade:

C and PA 547 Minimum Grade: C and PA 550 Minimum Grade: C and PA

553 Minimum Grade: C and PA 554 Minimum Grade: C and PA 558

Minimum Grade: C and PA 561 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 632 - Psychiatry/Behavioral Health Rotation

The Psychiatry/Behavioral Health Rotation is a clinical course that provides the PA student with psychiatric/behavioral health patient care experience under the supervision of a licensed medical practitioner.

Students apply knowledge and skills learned in the didactic year to patient evaluation, and begin to apply patient management strategies to patients in an assigned clinical setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 545 Minimum Grade: C and PA 546 Minimum Grade:

C and PA 547 Minimum Grade: C and PA 550 Minimum Grade: C and PA

553 Minimum Grade: C and PA 554 Minimum Grade: C and PA 558

Minimum Grade: C and PA 561 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 633 - Surgery Rotation

The Surgery Rotation is a clinical course that provides the PA student with surgical patient care experience under the supervision of a licensed medical practitioner. Students apply knowledge and skills learned in the didactic year to patient evaluation, and begin to apply patient management strategies to patients in an assigned clinical setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 545 Minimum Grade: C and PA 546 Minimum Grade:

C and PA 547 Minimum Grade: C and PA 550 Minimum Grade: C and PA

553 Minimum Grade: C and PA 554 Minimum Grade: C and PA 558

Minimum Grade: C and PA 561 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 634 - Emergency Medicine Rotation

The Emergency Medicine Rotation is a clinical course that provides the PA student with patient care experience in an emergency department setting under the supervision of a licensed medical practitioner. Students apply knowledge and skills learned in the didactic year to patient evaluation, and begin to apply patient management strategies to patients in an assigned clinical setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 545 Minimum Grade: C and PA 546 Minimum Grade:

C and PA 547 Minimum Grade: C and PA 550 Minimum Grade: C and PA

553 Minimum Grade: C and PA 554 Minimum Grade: C and PA 558

Minimum Grade: C and PA 561 Minimum Grade: C

Repeat Status: Not repeatable for credit

Repeat Status: Not repeatable for credit

PA 635 - Primary Care Practicum I

The Primary Care Practicum I is a clinical course that provides the PA student with patient care experience in an ambulatory medicine setting under the supervision of a licensed medical practitioner. Students refine clinical skills learned in preparation for practice and increase knowledge of disease mechanisms and patient management for common primary care disorders.

Credits: 10.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 629 Minimum Grade: C and PA 630 Minimum Grade:

C and PA 631 Minimum Grade: C and PA 632 Minimum Grade: C and PA

633 Minimum Grade: C and PA 634 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 638 - Graduate Project II

Graduate Project II is a supervised independent study course of variable credit, 3-6 quarter credits, in which the PA student further develops, implements, and evaluates the project proposed in the Graduate Project I course. Continued review and critique of the literature related to the project are required. The PA student works with an assigned faculty advisor for guidance and feedback

Credits: 3.00 to 6.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 547 Minimum Grade: C and PA 636 Minimum Grade:

C

Repeat Status: Not repeatable for credit

PA 636 - Graduate Project I

Graduate Project I is a variable credit course, 3-6 quarter credits, intended to prepare the PA student for the development of a project related to the candidate's research interests. The Graduate Project I course provides the PA student an opportunity to creatively address a proven deficiency in the realms of clinical medicine such as patient or medical provider educational material.

Credits: 3.00 to 6.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 547 Minimum Grade: C (May be taken concurrently)

Repeat Status: Not repeatable for credit

PA 640 - Clinical Practicum

Clinical Practicum is an elective clinical course that provides a forum for a PA student to acquire knowledge and clinical experience in a clinical specialty after completion of the required entry-level Physician Assistant Program curriculum. Through supervised clinical practice and review of current related literature, the PA student will develop foundational clinical skills and knowledge in the subspecialty studied.

Credits: 5.00 to 10.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Pre-Requisites: PA 637 Minimum Grade: C and PA 638 Minimum Grade:

C

Repeat Status: Course can be repeated 2 time(s) for 20.00 credit(s)

PA 637 - Primary Care Practicum II

The Primary Care Practicum II is a clinical course in which PA students continue to progress to higher levels of clinical responsibility for patient evaluation and management as clinical skills, medical knowledge, and professional confidence coalesce under the supervision of licensed medical providers. This course is the final clinical experience in the PA professional training program.

Credits: 10.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 635 Minimum Grade: C and PA 629 Minimum Grade:

C and PA 630 Minimum Grade: C and PA 631 Minimum Grade: C and PA

632 Minimum Grade: C and PA 633 Minimum Grade: C and PA 634

Minimum Grade: C

PA 641 - Clinical Update

This web-based course explores recent advances in clinical knowledge and recommendations for clinical practice, and develops the student's lifelong learning skills. The student undertakes a broad review of clinical medicine and identifies areas for enhancement of clinical knowledge and skills through the use of reputable electronic information sources.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 582 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 642 - Clinical Colloquium

In this online didactic course the student explores a clinical specialty through use of current, reputable information sources. The student identifies a clinical topic for in-depth study, and with faculty guidance uses critical appraisal of current literature for enhancement of knowledge in the topic, and application to the capstone project.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 641 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 643 - Clinical Practice Project Research

Working with an assigned advisor, the student reviews and catalogues the published literature related to the clinical practice project topic.

The student composes a literature review and gap analysis, and critically appraises articles as the foundation for the design and outline of the capstone project proposal within this course.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 642 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 661 - Tenets of Health Promotion

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 583 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 662 - Health Promotion Materials

In this online course, knowledge from the Health Promotion course is applied to the review of national health promotion campaigns, and the design of a theory-driven, audience-centered health promotion proposal. Topics essential to the design of effective health promotion campaigns such as health literacy, cultural competency, and the challenges presented by special population groups are explored.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 661 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 663 - Health Promotion Project Research

Working with an assigned advisor, the student reviews and catalogues the published literature related to the health promotion project topic.

The student composes a literature review and gap analysis, and critically appraises articles as the foundation for the design and outline of the capstone project proposal within this course.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 582 Minimum Grade: C and PA 662 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 680 - Summative Remediation

Summative Remediation is one credit course which provides an intensive review of major topics covered in the didactic and clinical phases of the PA program for any PA student who has not achieved minimum passing grades on two administrations of the Summative Examination /OSCE.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 637 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 695 - Portfolio Preparation

Working with an assigned advisor, this course assists the student document significant professional experience as a clinician, researcher, leader, and/or advocate in the preparation of a professional portfolio. Approval of the Program Director is required for course registration.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 696

Pre-Requisites: PA 581 Minimum Grade: C and PA 582 Minimum Grade: C and PA 583 Minimum Grade: C and PA 584 Minimum Grade: C and PA 585 Minimum Grade: C
Repeat Status: Not repeatable for credit

Pre-Requisites: PA 643 Minimum Grade: C or PA 663 Minimum Grade: C or PA 697 Minimum Grade: C
Repeat Status: Not repeatable for credit

PA 696 - Portfolio Review

The Portfolio Review is conducted by a multi-disciplinary Portfolio Review Committee to award 5-10 academic credits for learning substantiated in the professional portfolio and matched to the educational competencies and outcomes of the Program. The portfolio must demonstrate analysis, synthesis, and interpretation of the professional experiential learning and be substantiated by documentation.

Credits: 5.00 to 10.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Co-Requisites: PA 695

Repeat Status: Not repeatable for credit

PA 697 - Independent Study

Independent Study is a variable (3-6) credit course in which the student works with an assigned advisor to review and catalogue the published literature related to the cognate topic of interest. The student composes a literature review and gap analysis, and critically appraises articles as the basis for the design and outline of the capstone project proposal within this course.

Credits: 3.00 to 6.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant

Pre-Requisites: PA 582 Minimum Grade: C

Repeat Status: Not repeatable for credit

PA 698 - Capstone Project

Working with an assigned advisor, the student develops, implements, and evaluates the literature-based capstone project designed within the cognate courses. Continued critical analysis of the literature related to the project is required to fulfill the goals of the project to advance dissemination of medical knowledge and quality of care.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Quarter

Must be enrolled in one of the following Major(s):

Physician Assistant