NURS 501/EDHP 501 Curriculum Design
Credits 3. 3 Lecture Hours.
Various models of curriculum development and design based on educational philosophy and professional standards will be investigated. Students will demonstrate knowledge of program development including scope and sequence, curriculum alignment, and mapping. Program development through topic identification and generation of content outlines/syllabi, objectives, and outcome measures are included in this course.

NURS 502/EDHP 502 Assessment and Evaluation in Education Credits 3. 3 Lecture Hours.
Practical and theoretical issues involved in evaluating student performance, teacher performance and educational programs will be explored. Students will explore various means of performance-based assessments applicable to didactic, simulated and clinical learning environments. Students will examine a variety of assessment instruments and strategies and the role each has in the evaluation process. The course will enable students to plan, execute and interpret educational assessments.

NURS 503/EDHP 503 Teaching Strategies Credits 3. 3 Lecture Hours.
Best practices research on instructional pedagogy and adult learning will be examined. The course focuses on recommended principles, concepts and theories used in practice that create effective learning environments. Teaching strategies responsive to diverse learning styles and needs of learners will be explored as well as reflective practices and self-assessment. A variety of practical classroom, simulation and clinical teaching strategies consistent with current evidence will be discussed emphasizing teaching methods using technology.
Cross Listing: EDHP 503/NURS 503.

NURS 504 Teaching Practicum Credits 2. 2 Lab Hours.
This course allows the student to synthesize knowledge gained in the education track courses by working with a faculty mentor to actualize the faculty role. The student will implement effective teaching strategies in content/curriculum development, test construction and clinical supervision in a variety of settings. Interprofessional collaborative teaching strategies will be evidence based and promote critical thinking scholarship and innovation.

NURS 521 Diagnostics and Procedures Credits 2. 2 Lecture Hours.
Development of knowledge and skills associated with common procedures and diagnostics in primary care; focus on diagnostics and procedures appropriate to the role of the advanced practice nurse including collaborative, ethical, legal and regulatory considerations.

NURS 522 Primary Care of Families I Credits 6. 3 Lecture Hours. 9 Lab Hours.
First course of three; advanced knowledge of acute and chronic health problems in the context of family; emphasis on epidemiology, pathology, assessment, diagnosis, therapeutic modalities and evaluation related to health promotion and health problems of adults across the lifespan.
Prerequisites: NURS 512, NURS 553.
Corequisite: NURS 516.

NURS 523 Primary Care of Families II Credits 6. 3 Lecture Hours. 9 Lab Hours.
Second course of three; advanced knowledge of acute and chronic health problems in the context of family; emphasis on epidemiology, pathology, assessment, diagnosis, therapeutic modalities and evaluation related to health promotion and health problems of women and children.
Prerequisite: NURS 522.

NURS 524 Primary Care of Families III Credits 6. 3 Lecture Hours. 9 Lab Hours.
Third course of three; advanced knowledge of acute and chronic health problems in the context of family; emphasis on epidemiology, pathology, assessment, diagnosis, therapeutic modalities and evaluation related to health promotion and health problems of adults and other adults.
Prerequisite: NURS 523.

NURS 525 Primary Care of Families Practicum Credits 4. 12 Other Hours.
Culmination and integration of all previous course work; opportunity to continue to master domains and competencies of the family nurse practitioner; addresses professional practice issues needed for transition to the advanced practice nurse role and workforce.
Prerequisites: NURS 524, NURS 554, NURS 521, NURS 520.

NURS 551/HCPI 551 Healthcare Quality Improvement and Informatics Credits 3. 3 Lecture Hours.
Overview of health care from the viewpoint of quality improvement and health care informatics; using the science of quality measurement and improvement in conjunction with information science to propose a quality improvement initiative; legal and ethical implications of current trends in information technology and safety.
Cross Listing: HCPI 551/NURS 551.

NURS 552/HCPI 552 Scholarship: Integration and Application Credits 3. 3 Lecture Hours.
Integrate theory, evidence, clinical judgment, research and inter-professional perspectives using translational processes to improve patient outcomes; application of available evidence to interdisciplinary clinical practice; identification of gaps in knowledge and development of a spirit of inquiry and lifelong scholarship.
Cross Listing: HCPI 552/NURS 552.

NURS 553 Advanced Health Assessment Credits 3. 2 Lecture Hours. 1 Lab Hour.
This course will focus on the application of advanced assessment techniques and skills for comprehensive evaluation of patients across the life span using a common symptom approach. Emphasis will be placed on common deviations from normal assessment findings within the context of holistic practice. The course includes 45 hours of clinical practice.

NURS 554 Clinical Prevention and Population Health Credits 3. 3 Lecture Hours.
Leadership skills will be developed in the design of clinical prevention interventions and population based care that promotes health and reduces the risk of chronic illness and disease. The student will plan care that is responsive to unique cultural and ethnic identities, socioeconomic conditions and the needs and values of individuals and populations.
NURS 556/HCPI 556 Leadership and Health Policy II
Credits 3. 3 Lecture Hours.
The development of skills essential to leadership and policy processes, including communication, collaboration, negotiation, delegation and coordination by applying systems theory and complexity science will be promoted. The student will be prepared to assume a leadership role in the management and evaluation of human, fiscal and physical health resources. Students will develop skills in political efficacy and the ability to improve the systems and population outcomes through the development of health policy. 
Cross Listing: HCPI 556/NURS 556.

NURS 601 Foundations of Forensic Healthcare
Credits 2. 2 Lecture Hours.
Legal, ethical, clinical and advocacy responsibilities of responders and providers; forensic medical terminology; mechanisms of injury and death; identification of intentional and non-intentional wounds; scientific and medico-legal investigation of suspicious injury and death; introduction to written and photographic documentation of findings; judicial system overview.
Prerequisite: Graduate classification.
Cross Listing: FORS 601.

NURS 602/FORS 602 Victimology: Clinical Implications and Applications
Credits 3. 3 Lecture Hours.
Comprehensive examination of human responses to victimization resulting in physical and psychological trauma; interpersonal violence as a public health issue; overview of intentional injury, neglect, abuse and exploitation throughout the lifespan; process of seeking justice for victims; characteristics and motivational issues related to perpetrators of violence; transitioning patterns from role of victim to survivor including secondary effects of victimization; theoretical and evidence-based approaches to assessment; documentation of victims and perpetrators of violence.
Prerequisite: Graduate classification.
Cross Listing: FORS 602/FORS 602.

NURS 603/NURS 603 Justice Today, Prevention Tomorrow
Credits 3. 3 Lecture Hours.
In-depth analysis of the role of the trauma specialist within the criminal and civil court system; critical collaboration between representatives of the healthcare system, investigative systems and the legal system in seeking justice for victims of violence; investigative processes involving trauma, injury and death; methods of evidence collection and preservation in the trauma/emergency department and other settings; public health perspective of interpersonal violence and prevention; social-ecological model of primary prevention; factors placing individuals at risk for violence; batterer/anti-bullying intervention programs.
Prerequisites: Graduate classification; FORS 601 and FORS 602/NURS 602.
Cross Listing: NURS 603/NURS 603.

NURS 604/FORS 604 Advanced Trauma Assessments and Injury Pathology
Credits 3. 3 Lecture Hours. 1 Lab Hour.
In-depth review of injury pathology, advanced trauma assessments and diagnosis of physical and psychological injuries across the lifespan; biomechanical forensics of sharp, blunt, thermal, penetrating and mixed injuries; methods to differentiate between intentional versus unintentional injuries; diseases and physical findings mimicking abuse; physiology of wound healing; biomechanics and pathophysiology of bruising; bruise resolution and similarities and differences with/from ecchymosis; pressure ulcer formation, healing and treatment; cutaneous injury prevention.
Prerequisites: FORS 601, FORS 602/NURS 602, FORS 603/NURS 603.
Cross Listing: FORS 604/NURS 604.

NURS 610 Forensic Sexual Assault Examiner
Credits 3. 3 Lecture Hours.
Roles and responsibilities; legal definitions; expert witness testimony; nurse advocacy; motivations of perpetrators to offend; obtaining historical account of sexual assault using interview techniques; appropriate methods of documentation; EMTALA; head-to-toe assessment; injury documentation; anatomy of female and male sexual organs; evidence collection kit; treatment of STDs; pregnancy prophylactic treatment; role of advocates and advocacy centers; communication skills; vicarious victimization; civil and criminal trial procedures.
Prerequisite: Graduate classification.
Cross Listing: FORS 610.

NURS 611 Application of Clinical Pharmacology to Victims of Violence
Credit 1. 1 Lecture Hour.
Drug-facilitated sexual assault; pharmacological treatment of STDs and pregnancy prophylaxis; pharmacological treatment for individuals with existing drug addiction; patient safety and compliance; methods to assess for current drug abuse; types of data-rape drugs and their actions.
Prerequisite: Graduate classification.
Cross Listing: FORS 611.

NURS 612 Human Trafficking
Credit 1. 1 Lecture Hour.
Forms of trafficking; Trafficking Victims Protection Act; involuntary servitude,peonage and debt bondage; recruitment and transportation; bio-psycho-social impact; human trafficking and the internet; identification and investigation of trafficked individuals; trafficking across U.S. borders.
Prerequisite: Graduate classification.
Cross Listing: FORS 612.

NURS 613 Forensic Photography
Credit 1. 1 Lecture Hour.
Fundamentals of photographic documentation of injuries sustained during a crime; camera and equipment selection; camera skills; forensic photography techniques; supporting documentation; data management; victim rights.
Prerequisite: Graduate classification.
Cross Listing: FORS 613.
NURS 614 Policy and Ethics of Interpersonal Violence
Credit 1. 1 Lecture Hour.
Overview of policies and ethical considerations that inform forensic healthcare practice and procedures; identification, discussion and analysis of federal, state and local policies; regulation of professional practice; scopes and standards of practice; policy and legislation regarding victim populations; ethical standards for health professionals working with victims.
Prerequisite: Graduate classification.
Cross Listing: FORS 614.

NURS 615 Forensic Mental Health
Credit 1. 1 Lecture Hour.
Examination of mental health issues relevant to forensic healthcare; forensic mental health roles; determination of diminished capacity and competence to stand trial; mental health risk factors and outcomes associated with both crime perpetration and victimization; addiction and crime; ethical issues associated with crime and mental health.
Prerequisite: Graduate classification.
Cross Listing: FORS 615.

NURS 617 Advanced Pathophysiology
Credits 3. 3 Lecture Hours.
Utilization of advanced concepts of pathophysiology in health problems across the life span; diagnostic reasoning applied to common health complaints for differential diagnosis.
Prerequisites: Graduate classification.

NURS 618 Advanced Pharmacology
Credits 3. 3 Lecture Hours.
Describe, administer, and counsel patients regarding appropriate and safe medication regimens; basic pharmacologic principles, pharmacologic actions, and application of major drug classifications in relation to physiologic systems.
Prerequisite: NURS 617.

NURS 620 Advanced Practice Nursing Roles
Credits 3. 3 Lecture Hours.
Role analysis and synthesis; professional responsibilities of the advanced practice nurse; historical overview of advanced practice nursing.
Prerequisite: NURS 656 or concurrent enrollment.

NURS 630 Teaching and Learning Theory
Credit 1. 1 Lecture Hour.
Teaching and learning theories; impact on curriculum design relevant to the health sciences educator; research, theories and practices foundational to classroom, simulation and clinical learning.
Prerequisite: Graduate classification.

NURS 638 Advanced Clinical Practicum and Project
Credits 3. 3 Other Hours.
Development of advanced clinical proficiency with a population of interest or professional role using direct and indirect care approaches; development and implementation of a plan to improve patient outcomes utilizing a variety of advanced skills and knowledge, including health promotion/illness management, quality improvement, health care finance, leadership, policy, evidence-based practice, informatics.
Prerequisites: NURS 617, NURS 653, NURS 618, NURS 651, NURS 652, NURS 654.

NURS 689 Special Topics In...
Credits 1 to 4. 1 to 4 Other Hours.
Selected topics in an identified area of nursing. May be taken two times for credit.