

# NURS - NURSING

## NURS 601/FORS 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; or approval of instructor. **Cross Listing:** FORS 601/NURS 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. **Prerequisites:** Graduate classification; NURS 601/FORS 601 or FORS 601/NURS 601; or approval of instructor. **Cross Listing:** FORS 602/NURS 602.

## NURS 603/FORS 603 Impact of Violence Across the Lifespan

**Credits 3. 3 Lecture Hours.** In-depth analysis of the role of the multidisciplinary team within the criminal and civil court systems; critical collaboration between representatives of the health care system, investigative systems and the legal system in seeking justice for victims of violence; civil investigative processes involving trauma, injury and death; methods of evidence collection and preservation; 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:** Grade of B or better in NURS 601/FORS 601 or FORS 601/NURS 601, or approval of instructor. **Cross Listing:** FORS 603/NURS 603.

## NURS 604/FORS 604 Forensic Investigation of Injury

**Credits 2. 2 Lecture Hours. 1 Lab Hour.** Injury pathology, across the lifespan; classifications and mechanisms of injury; intentional and unintentional injuries; physiology of wound healing; documentation of injury. **Prerequisites:** Grade of B or better in NURS 601/FORS 601 or FORS 601/NURS 601, or approval of instructor. **Cross Listing:** FORS 604/NURS 604.

## NURS 610/FORS 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:** NURS 601/FORS 601 or FORS 601/NURS 601 or concurrent enrollment; or approval of instructor. **Cross Listing:** FORS 610/NURS 610.

## NURS 611/FORS 611 Application of Clinical Pharmacology to Victims of Violence

**Credit 1. 1 Lecture Hour.** Common substances of abuse; substance abuse and crimes against persons; drug laws and enforcement; drug facilitated crimes; pharmacological prophylaxis. **Prerequisite:** NURS 601/FORS 601 or FORS 601/NURS 601 or concurrent enrollment; or approval of instructor. **Cross Listing:** FORS 611/NURS 611.

## NURS 612/FORS 612 Human Trafficking

**Credit 1. 1 Lecture Hour.** Forms of trafficking; Trafficking Victims Protection Act; grooming of victims; perpetrator attributes; involuntary servitude, peonage, debt bondage; trafficking versus human smuggling; recruitment and transportation of victims; bio-psycho-social impact; human trafficking and the internet; identification and investigation of trafficked individuals; trafficking in the U.S. and world-wide. **Prerequisite:** NURS 601/FORS 601 or FORS 601/NURS 601 or concurrent enrollment; or approval of instructor. **Cross Listing:** FORS 612/NURS 612.

## NURS 613/FORS 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:** NURS 601/FORS 601 or FORS 601/NURS 601 or concurrent enrollment; or approval of instructor. **Cross Listing:** FORS 613/NURS 613.

## NURS 614/FORS 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:** NURS 601/FORS 601 or FORS 601/NURS 601 or concurrent enrollment; or approval of instructor. **Cross Listing:** FORS 614/NURS 614.

## NURS 615/FORS 615 Forensic Mental Health

**Credit 1. 1 Lecture Hour.** Mental health issues related to victimization and perpetration; forensic mental health professional roles; diminished capacity and competence to stand trial; addiction and crime; current issues in forensic mental health. **Prerequisite:** NURS 601/FORS 601 or FORS 601/NURS 601 or concurrent enrollment; or approval of instructor. **Cross Listing:** FORS 615/NURS 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; Master of Science in Nursing; or approval of instructor.

## 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 621 Diagnostics and Procedures

**Credits 2. 2 Lecture Hours.** Knowledge and skill development of common procedures and diagnostics in primary care; role of the family nurse practitioner related to common procedures and diagnostics; collaborative, ethical and regulatory considerations. **Prerequisites:** NURS 653 or concurrent enrollment.

## NURS 622 Primary Care of Families I

**Credits 6. 3 Lecture Hours. 9 Lab Hours.** Advanced knowledge of acute and chronic health problems in primary care; epidemiology, pathology, assessment, diagnosis, therapeutic modalities and evaluation for identified conditions; role of the family nurse practitioner in health promotion and disease prevention among adults. **Prerequisites:** NURS 617, NURS 618 and NURS 653.

## NURS 623 Primary Care of Families II

**Credits 6. 3 Lecture Hours. 3 to 9 Lab Hours.** Advanced knowledge of acute and chronic health problems in primary care; epidemiology, pathology, assessment, diagnosis, therapeutic modalities and evaluation for identified conditions; role of the family nurse practitioner in health promotion and disease prevention among women and children. **Prerequisite:** NURS 622.

## NURS 624 Primary Care of Families III

**Credits 6. 3 Lecture Hours. 9 Lab Hours.** Advanced knowledge of acute and chronic health problems in primary care; epidemiology, pathology, assessment, diagnosis, therapeutic modalities and evaluation for identified conditions; role of the family nurse practitioner in health promotion and disease prevention among adults and older adults. **Prerequisite:** NURS 622.

## NURS 625 Primary Care of Families Practicum

**Credits 4. 12 Other Hours.** Culmination and integration of all previous course work; transition into practice; clinical immersion opportunity; fulfillment of domains and competencies of family nurse practitioner. **Prerequisites:** NURS 620 or concurrent enrollment, NURS 623 or NURS 624.

## 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 631 Curriculum Foundations for Health Care Professionals

**Credits 3. 3 Lecture Hours.** Models of curriculum development and design based on educational philosophy and professional standards; scope and sequence, curriculum alignment, curriculum mapping; program development through generation of content outlines, objectives, and assessments. **Prerequisite:** Graduate classification.

## NURS 632 Assessment and Evaluation for Healthcare Professionals

**Credits 3. 3 Lecture Hours.** Practical and theoretical issues involved in evaluating student performance, teacher performance and educational programs; performance-based assessments applicable to didactic, simulated and clinical learning environments; assessment instruments and strategies in summative and formative evaluation processes; develop, execute and interpret educational assessments and evaluation methods. **Prerequisite:** EDHP 631 or NURS 631.

## NURS 633/EDHP 633 Teaching Strategies for Health Care Professionals

**Credits 3. 3 Lecture Hours.** Best practices research on instructional pedagogy and adult learning; principles, concepts and theories used in practice that create effective learning environments; teaching strategies responsive to diverse learning styles and needs of learners; reflective practices and self-assessment; practical classroom, simulation and clinical teaching strategies consistent with current evidence; teaching methods using technology. **Prerequisites:** EDHP 631 or NURS 631; EDHP 632 or NURS 632. **Cross Listing:** EDHP 633/NURS 633.

## NURS 634 Teaching Practicum

**Credits 2. 2 Lab Hours.** Synthesis of educational knowledge; actualize the faculty role; implement effective teaching strategies in content/ curriculum development, test construction and clinical supervision in a variety of settings; inter-professional evidenced-based collaborative teaching strategies promoting critical thinking, scholarship and innovation. **Prerequisites:** EDHP 631 or NURS 631, EDHP 632 or NURS 632, and EDHP 633/NURS 633 or NURS 633/EDHP 633.

## 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:** Graduate classification; nursing majors; grade of B or better in NURS 617, NURS 618, NURS 651/HCPI 651, NURS 652/HCPI 652, NURS 653, NURS 654, and NURS 656.

## NURS 651/HCPI 651 Healthcare Quality Improvement and Informatics

**Credits 3. 3 Lecture Hours.** Overview of health care from the viewpoint of quality improvement and health care informatics; uses 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.

**Prerequisite:** Graduate classification. **Cross Listing:** HCPI 651/NURS 651.

## NURS 652/HCPI 652 Scholarship: Integration and Application

**Credits 3. 3 Lecture Hours.** Integrates theory, evidence, clinical judgment, research and interprofessional perspectives using translational processes to improve patient outcomes; application of available evidence to interdisciplinary clinical practice; identification of gaps in knowledge; development of a spirit of inquiry and lifelong scholarship. **Prerequisite:** Graduate classification. **Cross Listing:** HCPI 652.

## NURS 653 Advanced Health Assessment

**Credits 3. 2 Lecture Hours. 3 Lab Hours.** Advanced assessment techniques and skills; comprehensive and holistic assessment and evaluation of patients across lifespan; recognizing normal findings, common variations of normal findings and pathologic assessment findings. **Prerequisite:** Graduate classification; Master of Science in Nursing; or approval of instructor.

## NURS 654 Clinical Prevention and Population Health

**Credits 3. 3 Lecture Hours.** Develop leadership skills in the design of clinical prevention interventions and population based care that promotes health and reduces the risk of chronic illness and disease; plan care responsive to unique cultural and ethnic identities, socioeconomic conditions and the needs and values of individuals and populations. **Prerequisite:** Graduate classification.

## NURS 656 Leadership and Health Policy II

**Credits 3. 3 Lecture Hours.** 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; preparation to assume a leadership role in the management and evaluation of human, fiscal and physical health resources; develop skills in political efficacy and the ability to improve the systems and population outcomes through the development of health policy. **Prerequisite:** Graduate classification.

## NURS 670 Introduction to Psychopharmacology

**Credits 2. 2 Lecture Hours.** Preparation for the advanced practice registered nurse to accurately describe, administer and counsel patients regarding appropriate and safe medication regimens used in psychiatric care; pharmacologic principles, pharmacologic actions and application of major drug classes used in psychopharmacology in relation to their role in the treatment of psychiatric disorders. **Prerequisites:** Concurrent enrollment in NURS 671.

## NURS 671 Pre-Clinical Essentials for the Psychiatric-Mental Health Nurse Practitioner

**Credits 2. 2 Lecture Hours.** Preparation for the advanced practice registered nurse for clinical experience in the psychiatric-mental health practice setting, including skills in assessment, documentation, planning; concepts and theories related to the role of the psychiatric-mental health nurse practitioner and care of persons with psychiatric-mental health problems. **Prerequisites:** Concurrent enrollment in NURS 670.

## NURS 672 Family Psychiatric-Mental Health I: Adult/Acute

**Credits 3. 3 Lecture Hours.** Provide advanced knowledge of adult acute psychiatric and mental health problems with emphasis on epidemiology, pathology, assessment, diagnosis, therapeutic modalities, and evaluation related to health promotion and psychiatric and mental health problems of adults. **Prerequisites:** NURS 670; NURS 671.

## NURS 673 Family Psychiatric-Mental Health Clinical I

**Credits 3. 3 Other Hours.** Provides 135 hours of clinical experience with a preceptor, caring for the adult and acute client with psychiatric and mental health problems; may include other populations when available. **Prerequisites:** NURS 670; NURS 671; concurrent enrollment in NURS 672.

## NURS 674 Family Psychiatric-Mental Health II: Child-Adolescent

**Credits 3. 3 Lecture Hours.** Provides advanced knowledge of child-adolescent psychiatric and mental health problems with emphasis on epidemiology, pathology, assessment, diagnosis, therapeutic modalities, and evaluation related to health promotion and psychiatric and mental health problems of children and adolescents. **Prerequisites:** NURS 670; NURS 671; NURS 672.

## NURS 675 Family Psychiatric-Mental Health Clinical II

**Credits 3. 3 Other Hours.** Provides 135 hours of clinical experience with a preceptor, caring for the child-adolescent with psychiatric and mental health problems, including other populations as available. **Prerequisites:** NURS 670; NURS 671; NURS 672; NURS 673; NURS 674, or concurrent enrollment recommended.

## NURS 676 Family Psychiatric-Mental Health III: Older Adult and Chronic Mental Illness

**Credits 3. 3 Lecture Hours.** Provides advanced knowledge of older adults with psychiatric and mental health problems and clients with chronic mental illness, with emphasis on epidemiology, pathology, assessment, diagnosis, therapeutic modalities, and evaluation related to health promotion and psychiatric and mental health problems of older adults and clients with chronic mental illness. **Prerequisites:** NURS 670; NURS 671; NURS 672.

## NURS 677 Family Psychiatric-Mental Health Clinical III

**Credits 3. 3 Other Hours.** Provides 135 hours of clinical experience with a preceptor, caring for the older adult and client with chronic psychiatric and mental health problems, including other populations as available. **Prerequisites:** NURS 670; NURS 671; NURS 672; NURS 676, or concurrent enrollment.

## NURS 678 Family Psychiatric-Mental Health Clinical Practicum

**Credits 4. 4 Other Hours.** Provides 180 hours of clinical experience with a preceptor, integrating all previous course work and provides opportunity to continue to master the domains and competencies of the psychiatric-mental health nurse practitioner, specifically addressing issues for the professional practice needed for the graduate to enter the workforce as an advanced practice nurse. **Prerequisites:** NURS 670; NURS 671; NURS 672; NURS 673; NURS 674; NURS 675; NURS 676; NURS 677.

## 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.

## NURS 725 Theoretical Foundations of Healthcare

**Credits 3. 3 Lecture Hours.** Critical analysis of theories relevant to nursing practice and nursing science; exploration of synergistic relationship between theory, research and practice; differentiation of roles and analysis of the impact of doctor of philosophy (PhD) and doctor of nursing practice (DNP) on nursing science and nursing practice. **Prerequisite:** Graduate classification.

## NURS 726 Principles of Translational Science

**Credits 3. 3 Lecture Hours.** Scholarship of discovery and investigation of existing healthcare practices to positively affect and improve outcomes; concepts, models, methods for evaluation and implementation of evidence in practice; principles of sustainable evidence based practice change across disciplines. **Prerequisite:** Graduate classification.

## NURS 727 Applications of Translational Science

**Credits 3. 3 Lecture Hours.** Strategies for appraisal and application of research findings; methods to develop evidence-based guidelines and practice protocols to improve healthcare outcomes; evaluation of quality improvement models and processes; translation of evidence-based practice guidelines to improve practice protocols; dissemination and integration of new knowledge into practice and policy. **Prerequisite:** NURS 726.

## NURS 728 Organizational and Systems Leadership

**Credits 3. 3 Lecture Hours.** Knowledge and skills nurse leaders need to shape the future of healthcare; leadership roles and styles on inter-professional teams; emphasis on organizational theories and science, structure, assessment, strategic planning, change, team building and conflict resolution. **Prerequisite:** Graduate classification.

## NURS 729 Analytic Methods for Research and Evidence Based Practice

**Credits 3. 3 Lecture Hours.** Quantitative skills needed to build knowledge and make data driven practice decisions; analytic methods of epidemiology; application and interpretation of selected multivariate statistical procedures; evaluation and synthesis of research findings and the outcomes of evidence-based practice. **Prerequisite:** NURS 727.

## NURS 730 Informatics

**Credits 3. 3 Lecture Hours.** Analysis, evaluation and implementation of healthcare information systems; application of technology in the clinical setting to ensure patient safety, quality of care and cost effectiveness; implementation of big data to advance clinical decision-making; application of national meaningful-use guidelines **Prerequisite:** Graduate classification.

## NURS 731 Quality and Outcome Improvements in Healthcare

**Credits 3. 3 Lecture Hours.** Patient-centered approach covering key theories and models of quality improvement; emphasis on quality and safety; quality and performance improvement; continuous improvement; reliability; error reduction and prevention; improving outcomes in healthcare settings. **Prerequisite:** Graduate classification.

## NURS 732 Transformational Leadership in Nursing

**Credits 3. 3 Lecture Hours.** Advanced topics in doctor of nursing practice (DNP) leadership in complex healthcare systems; leadership and collaboration, conflict, influencing systems, empowerment and the use of power; examination of change management, characteristics of a transformational leader, effective communication techniques and ethics in leadership. **Prerequisite:** Graduate classification.

## NURS 733 Clinical Prevention and Population Outcome Improvement

**Credits 3. 3 Lecture Hours.** Advanced topics in analysis and application of genomics and determinants of health to promote health in populations; application of epidemiological practices to identify health promotion, risk reduction, disease control and management opportunities for selected populations. **Prerequisite:** Graduate classification.



## NURS 734 Healthcare Policy and Economics

**Credits 3. 3 Lecture Hours.** Development, advocacy and analysis of healthcare policy and economics and the role of the doctor of nursing practice in leading policy change; emphasis on dynamic relationship between healthcare policy and economics; cost and benefit analysis, resource allocation and economic theories; budgeting process and systems of reimbursement; comparison of global, national, state and local systems of financing healthcare. **Prerequisite:** Graduate classification.

## NURS 735 Scholarly Project Practicum I

**Credits 2. 0 Lecture Hours. 2 Other Hours.** Directed practice opportunity in implementation of integrated nursing knowledge and skills in conducting a comprehensive assessment and needs analysis of a population, setting or healthcare system to define a practice, quality improvement and policy problem. **Prerequisite:** NURS 731 and 726, or concurrent enrollment.

## NURS 736 Scholarly Project Practicum II

**Credits 2. 0 Lecture Hours. 2 Other Hours.** Application of advanced nursing knowledge and skills in a directed practice opportunity for development of a comprehensive intervention plan for the defined practice, quality improvement or policy problem tailored to meet the unique needs of the population or setting. **Prerequisite:** NURS 735; NURS 727 or concurrent enrollment.

## NURS 737 Scholarly Project Practicum III

**Credits 2. 0 Lecture Hours. 2 Other Hours.** Directed practice opportunity for engagement in an evidence-based practice, quality improvement or policy innovation to improve health outcomes and system effectiveness; engagement in increasingly complex organizational projects. **Prerequisite:** NURS 736.

## NURS 738 Scholarly Project Practicum IV

**Credits 2. 0 Lecture Hours. 2 Other Hours.** Demonstration of synthesis of knowledge and skills of the Doctor of Nursing Practice by evaluation of outcomes of the evidence-based innovation and disseminating findings. **Prerequisite:** NURS 737 and NURS 729.

## NURS 739 Residency in Advanced Nursing Practice

**Credit 1. 0 Lecture Hours. 1 Other Hour.** Development of expertise, advanced knowledge and mastery in one area of advanced nursing practice; instruction in clinical skills and knowledge under the supervision of an approved preceptor and faculty advisor. May be taken four times for credit. **Prerequisite:** Graduate classification.