NUR 2010 Health Assessment Cr. 3
This course provides foundational learning experiences for understanding and performing the health assessment of the individual. Students learn health assessment skills include systematic history taking and physical examination. Holistic health assessment is viewed from health promotion, cultural, nutritional, mental health, and developmental perspectives. Developmental stages of the adult and older adults are explored within a family and environmental context. Students are introduced to the assessment approaches of a variety of theorists. Students utilize critical reasoning and begin to apply the nursing process in determining nursing diagnoses with a focus on assessment. Offered Fall, Spring/Summer.
Restriction(s): Enrollment limited to students in the College of Nursing.
Course Material Fees: $25

NUR 2030 Pathophysiology Related to Nursing Practice Cr. 3
This course examines alterations in normal physiological functioning that occur as a result of a disease process. An understanding of the functional basis for disease will enable the nurse to apply the nursing process in disease prevention, health restoration, and symptom management. Offered Every Term.
Prerequisites: BIO 2870 with a minimum grade of C

NUR 2050 Fundamentals of Nursing Care Cr. 5
This course provides the student with an opportunity to provide fundamental nursing care for individuals within the context of the family and community. Student will develop basic nursing skills in a clinical practice setting while utilizing critical thinking and the nursing process. Students will explore the influence of culture and therapeutic communication with the patient and their families. Offered Fall, Winter.
Prerequisites: NUR 2010 with a minimum grade of C, NUR 2030 with a minimum grade of C, and NUR 2060 with a minimum grade of C
Corequisite: NUR 2995
Restriction(s): Enrollment limited to students in the College of Nursing.
Course Material Fees: $85

NUR 2060 Nursing Implications of Drug Administration Cr. 3
Prerequisite: BIO 2870 with a minimum grade of C
Restriction(s): Enrollment limited to students in the College of Nursing.

NUR 2070 Professional Nursing in the Future: Strategies for Health Promotion Cr. 3
Preparation for professional practice; emphasis on developing knowledge and skills for health promotion within the context of groups and the community. Impact of nursing theories and research on practice, directed toward health promotion issues. Strategies for health promotion; focus on group process and teaching/learning. Offered Fall.
Restriction(s): Enrollment is limited to Undergraduate level students; enrollment limited to students in the College of Nursing.

NUR 2995 Foundations of Professional Nursing Cr. 3
Characteristics of nursing as a profession ethical, legal, and professional governing structures; foundation for effective communication and documentation. Nursing process as it applies to health promotion; problem-based care in the healthcare arena. The phenomenon of health as experienced by individuals across the lifespan in family, group, and community. Offered Fall, Winter.
Restriction(s): Enrollment limited to students in the College of Nursing.

NUR 3010 Comprehensive Nursing Care of the Adult I Cr. 5
This course focuses on the nursing perspective of the physiologic universal needs of the human, specifically focusing on basic needs (e.g., cardiac, respiratory, renal, digestive and elimination disorders). The course is designed to assist students in providing safe, holistic care to adults and elderly experiencing acute and chronic health disruptions. Emphasis is on students’ synthesis and application of knowledge from multiple disciplines, and their use of the nursing process to develop a comprehensive, evidence-based plan of nursing care for patients across various healthcare settings. Offered Fall, Winter.
Prerequisites: NUR 2050 with a minimum grade of C and ((BIO 2270 with a minimum grade of C and BIO 2271 with a minimum grade of C) or BIO 2200 with a minimum grade of C)
Course Material Fees: $50

NUR 3015 Psychiatric Mental Health Nursing Cr. 5
This course prepares student nurse to provide mental health care to individuals and populations in acute, primary and community settings. Social determinants and developmental aspects of mental health across the lifespan are explored. This course also discusses other determinants of mental health/illness and prevention strategies. Emphasis is on students’ synthesis and application of knowledge from multiple disciplines, and their use of the nursing process to develop a holistic mental health care plan. Offered Fall, Winter.
Prerequisite: NUR 2050 with a minimum grade of C

NUR 3020 Care of the Adult II Cr. 5
This course focuses on the nursing perspective of the physiologic universal needs of the human, specifically focusing on complex processes (e.g., neurological, sensory and endocrine disorders). The course is designed to assist students in providing safe, holistic care to adults and elderly experiencing acute and chronic health disruptions. Emphasis is on students’ synthesis and application of knowledge from multiple disciplines, and their use of the nursing process to develop a comprehensive, evidence-based plan of nursing care for patients. Offered Winter, Spring/Summer.
Prerequisite: NUR 3010 with a minimum grade of C
Course Material Fees: $50

NUR 3200 Global Healthcare Cr. 3
Satisfies General Education Requirement: Global Learning Inquiry, Social Inquiry
Explores health care challenges worldwide while examining intercultural beliefs systems. Examines issues related to health disparities among vulnerable populations in urban environments nationally and globally. Students will travel abroad during spring break to experience first-hand the healthcare issues and disparities internationally. Students must have valid passports and pay the Office of Study Abroad required travel fees prior to course start date. Offered Winter.

NUR 3400 Introduction to Nursing Research Cr. 2
Introduction to the research process and research utilization in nursing practice. Research problems, access and retrieval of research literature and databases, reading and critiquing research studies, and individual and organizational strategies to promote research-based practice. Offered Winter, Spring/Summer.
Prerequisite: NUR 2050 with a minimum grade of C
NUR 3405 Introduction to Nursing Research and Evidence-Based Practice Cr. 3
Provides basic information about nursing research problems; principles of evidence-based nursing research, access and retrieval of research literature and databases; reading and critiquing research reports; ethical issues related to research; and individual strategies and organizational mechanisms to promote research-based practice. The research process is examined as a foundation for critical thinking and scholarship. Offered Fall, Winter.
**Prerequisites:** ENG 3010 with a minimum grade of C or ENG 3020 with a minimum grade of C

NUR 4010 Integrative Care of Children and Their Families Cr. 5
This course is designed to prepare students to provide nursing care to children in various states of health within the context of their families. Nursing care will be emphasized from a primary and acute care perspective with the goal of health promotion. By applying knowledge of age-appropriate growth and development, students will implement nursing practices with children of all ages and their families. Students will examine how pediatric development includes biological, physical, psychosocial, cognitive, moral, spiritual, and social determinants. Offered Winter, Spring/Summer.
**Prerequisites:** NUR 3010 with a minimum grade of C and NUR 3015 with a minimum grade of C
**Course Material Fees:** $50

NUR 4020 Integrative Care of Women's Health and the Perinatal Family Cr. 5
This course focuses on care of the perinatal family including the woman, fetus, newborn, and other family members during the period from pre-conception to postpartum. In addition, family planning, sexuality, infertility, and gynecological and breast pathology are discussed. Women's health topics including health promotion and primary care throughout the lifespan are included. The course emphasizes effective communication, genetics and genomics, health and risk assessment, and supportive and restorative care of the woman and family. Ethical, cultural, historical, and societal events that impact women's health and perinatal family are explored. Offered Fall, Winter.
**Prerequisites:** NUR 3010 with a minimum grade of C and NUR 3015 with a minimum grade of C
**Restriction(s):** Enrollment limited to students with a class of Junior or Senior.
**Course Material Fees:** $50

NUR 4040 Leadership and Management in Nursing Cr. 4
Theory and skill development in leadership processes in nursing practice. Assessment of a health care system, analysis of nurses' roles, organizational design systems theory, leadership and management theory, culture, decision-making, delegation, conflict management, and planned change. Offered Fall, Spring/Summer.
**Prerequisites:** NUR 2995 with a minimum grade of C, NUR 2050 with a minimum grade of C, and NUR 3405 with a minimum grade of C

NUR 4050 Care of the Critically Ill Patient Cr. 3
NUR 4050 provides an opportunity for the student to integrate knowledge of anatomy, physiology, pathophysiology, and pharmacology in the care of patients with complex acute illnesses. The course fosters the advancement of critical reasoning, clinical knowledge, and clinical judgment through case studies, lecture, and group discussions. Offered Fall, Winter.
**Prerequisites:** NUR 3010 with a minimum grade of C and NUR 3020 with a minimum grade of C
**Course Material Fees:** $50

NUR 4060 Synthesis of Core Nursing Knowledge Cr. 5
NUR 4060 is a precepted, integrative clinical immersion course that integrates the knowledge of ethics, standards, and expectations of professional nursing roles with an emphasis on critical thinking. The student will have an opportunity to synthesize foundational concepts and master competencies and skills of the advanced beginner in professional nursing. The focus is on integration of professional nursing behaviors within a complex organizational environment, and synthesis of core nursing knowledge. Class time will be spent reviewing your HESI specialty testing and remediation reports for areas where scores were not optimal and development of a study guide that will be used to prepare for your second specialty exam. Clinical experiences center on your precepted practice experience. Offered Fall, Winter.
**Prerequisites:** NUR 3020 with a minimum grade of C (may be taken concurrently), NUR 4010 with a minimum grade of C (may be taken concurrently), and NUR 4020 with a minimum grade of C (may be taken concurrently)
**Corequisite:** NUR 4050
**Course Material Fees:** $50

NUR 4120 Community Focused Nursing Practice Cr. 5
Analysis of role of professional nurse in community settings: caring for individuals and groups from diverse cultural backgrounds at various developmental stages and at any point on the health-illness continuum. Offered Fall, Winter.
**Prerequisites:** NUR 2050 with a minimum grade of C and NUR 2995 with a minimum grade of C

NUR 4300 Nursing Informatics Cr. 3
Opportunity for nursing students or registered nurses to develop knowledge and skills in nursing informatics. Offered Fall, Spring/Summer.

NUR 4505 Professional Nursing in the Future: Current Issues for Professional Practice RN-BSN Cr. 3
Examination and discussion of issues related to professional nursing practice (RN to BSN). The current professional practice of nurses transitioning to a BSN encompasses a role change and exposure to political processes (micro to national issues), bioethical issues in U.S. health care, and educational pathways in nursing and related policy implications, the importance of interprofessional education for nurses, and the various levels of legal responsibility for the practicing professional nurses. These discussions will assist the new graduate in becoming an informed and politically active professional, an ethically sound provider and consumer of health care services, as well as an informed citizen capable of providing leadership to those who are not health care professionals. Offered Fall.

NUR 4600 Gerontological Nursing Perspectives in Health and Illness Cr. 3
Knowledge from the fields of gerontology and geriatrics used to enhance the student's nursing perspective when providing nursing care to meet the complex health care needs of healthy and frail older adults and their families. As students learn about the physical and psychosocial problems encountered with aging, they will be engaged in discussions about the contributions that can be brought forth from nursing and multiple disciplines to enhance the health of older adults. Offered Winter.

NUR 4800 Transcultural Health Through the Life Cycle Cr. 3
Satisfies General Education Requirement: Foreign Culture, Global Learning Inquiry
Transcultural health differences and similarities in selected Western and non-Western cultures, from birth through old age. Use of theories and research methods from the health and social sciences and humanities in study and analysis of different cultures. Offered Fall, Winter.

NUR 4990 Directed Study Cr. 1-4
Independent study between faculty and students. Offered Every Term.
**Restriction(s):** Enrollment limited to students in the College of Nursing.
**Repeatable for 6 Credits**
NUR 5993 Writing Intensive Course in Nursing Cr. 0
Satisfies General Education Requirement: Writing Intensive Competency
Successful completion of this course satisfies the University's General Education Writing Intensive Course requirement. Prior to graduation, all students must demonstrate the ability to communicate effectively with specialized or professional audiences by successfully completing the writing requirements. Students must be able to analyze, synthesize, and evaluate current information from literature on the their topical area. Offered for undergraduate credit only. Offered Every Term.
Prerequisite: AFS 2390 with a minimum grade of C, ENG 2390 with a minimum grade of C, ENG 3010 with a minimum grade of C, ENG 3020 with a minimum grade of C, or ENG 3050 with a minimum grade of C
Restriction(s): Enrollment is limited to Undergraduate level students.

NUR 6510 Health Economics, Policy, and Professional Issues for APNs Cr. 3
Examination of the major health policy and professional issues relevant to the advanced-practice nurse. Students will be assisted in the synthesis of theoretical and pragmatic aspects of issues of concern in order to develop confidence in their skills and establish an APN practice. Offered for graduate credit only. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7000 Statistics in Nursing Cr. 3
Introduction to statistical analysis in nursing research. Topics include: levels of measurement, statistical inference, selected descriptive and inferential statistics for parametric and nonparametric conditions, and selected statistics used to summarize results from multiple studies (i.e., meta-analytic statistics). Offered Fall.
Prerequisite: NUR 3400 with a minimum grade of B
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7025 Community Based Participatory Research Cr. 3
Explores common issues and methods involved in conducting community based participatory research (CBPR). Students engage in building the necessary skills and learn how to collaborate across interdisciplinary perspectives to engage in research that leads to community change, the improvement of public health, and enhances the quality of life. Offered Fall.
Prerequisite: NUR 3400 with a minimum grade of B
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7030 Advanced Nursing Assessment Cr. 4
Development of critical thinking skills in relation to differential diagnosis (medical and nursing) that are required in the performance of advanced nursing practice. Offered Spring/Summer.
Prerequisite: PTH 7500 with a minimum grade of C and NUR 7555 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7035 Family Centered Health Promotion and Risk-reduction Cr. 3
The purpose of this course is to facilitate student's understanding and application of family systems approach to the theoretical foundation for health promotion and risk reduction across the lifespan. The emphasis is on family theory, health promotion theories and research to promote and preserve wellness lifestyles in client populations using epidemiological principles, disease risk appraisal and reduction and other tools. Offered Winter, Spring/Summer.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7040 Comprehensive Community Assessment Cr. 5
This course provides opportunities for students to develop knowledge and skills essential to conducting comprehensive community assessments. Students engage with interprofessional team members, community agencies, and diverse populations to conduct a comprehensive assessment. Offered Every Other Winter.
Prerequisite: NUR 7000 with a minimum grade of C, NUR 7025 with a minimum grade of C, and NUR 8995 with a minimum grade of C
Restriction(s): Enrollment is limited to students with a major in Adv Public Health Nurse; enrollment is limited to Graduate level students.

NUR 7055 Health Promotion and Prevention with Diverse Populations Cr. 5
This course focuses on the development of advanced public health nursing knowledge and collaborative practice skills essential to integrating theoretical frameworks, comprehensive community assessments, and diverse perspectives when designing and implementing health promotion and prevention programs. Offered Every Other Spr/Sum.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7065 Program Planning, Quality Improvement and Evaluation Residency Cr. 5
Focuses on the development of knowledge, skills and leadership strategies essential for advanced public health nurses to transform complex systems, and to improve the health of communities and diverse populations. The course emphasizes the application of concepts and theories germane to planning, improving, and evaluating health programs to advance public health, and enhance quality of life. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7105 Theoretical Foundations for Nursing Cr. 3
Theory course: foundations for nurses in practice and leadership roles. Discussion of diverse perspectives that influence knowledge development in nursing, including, systems, communication, developmental, health promotion, stress and coping theories. Offered Every Term.
Restriction(s): Enrollment limited to students in the MS in Nursing program; enrollment is limited to Graduate level students.

NUR 7115 Special Topics: Interprofessional Education Cr. 2
This interprofessional course is for health professional student learners in the areas of advanced practice. The course allows health professional students to learn about, from and with each other, how each discipline contributes to the healthcare team, the importance of effective communication, the role of team collaboration and preparing health care professionals for collaborative practice with a focus on clinical decision making in interdisciplinary teams. Offered Intermittently.
Restriction(s): Enrollment is limited to Graduate, Medical or Professional level students.
Equivalent: MD4 8115, PAS 7115, PPR 7115, SW 7115

NUR 7130 APN: Management of Oncology, Mental Health, and Lifestyle Change Cr. 6
Development of clinical expertise required to co-manage the care of persons with illness trajectories related to oncology, hematology, mental health and wound management. Offered Winter.
Prerequisite: NUR 7030 with a minimum grade of B and PTH 7500 with a minimum grade of B and NUR 7555 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students.
NUR 7140 APN: Management of Cardiopulmonary and Renal Problems Cr. 6
Development of clinical nursing expertise required to co-manage the care of persons with illness trajectories related to pulmonary, cardiovascular and renal systems. Offered Winter.  
Prerequisite: NUR 7030 with a minimum grade of B and NUR 7555 with a minimum grade of C and PTH 7500 with a minimum grade of C  
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7155 Primary Prevention Strategies Cr. 8
Synthesis of theoretical, scientific, and clinical knowledge to support health promotion, health protection, and disease prevention advanced practice in Adult-Gerontology Primary Care Nursing. Offered Fall.  
Prerequisites: NUR 7030 with a minimum grade of C, NUR 7555 with a minimum grade of C, and NUR 7890 with a minimum grade of C  
Restriction(s): Enrollment is limited to students in the MS in Nursing program; enrollment is limited to Graduate level students.

NUR 7165 Clinical Decision Making in Adult-Gerontology Cr. 8
Critical thinking and analysis of managerial decisions in primary care of adults and older adults. Offered Winter.  
Prerequisite: NUR 7155 with a minimum grade of B and PTH 7500 with a minimum grade of C and NUR 7555 with a minimum grade of C  
Restriction(s): Enrollment is limited to students in the MS in Nursing program; enrollment is limited to Graduate level students.

NUR 7200 Advanced Neonatal Pharmacology Cr. 3
Basic concepts of pharmacology; application and integration of content to advanced practice nursing with high-risk neonate. Offered Spring/Summer.  
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7207 Advanced Pediatric Pharmacology Cr. 3
Preparation of advanced practice nurses to apply concepts of pediatric pharmacology when assessing, managing and treating the pediatric patient in a variety of environments, including acute/critical and primary care. Offered Winter.  
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7222 Leadership in Health Policy, Ethics and Change Cr. 3
Examines health systems and health policy within evolving sociopolitical contexts from a national and international perspective. Content includes human diversity, social issues, systems theory, health systems analysis, ethics, health policy analysis, and policy formulation. Offered Fall, Winter.  
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7225 Pathophysiology, Clinical Care and Management I Cr. 8
Managing health care needs of women, neonates, and/or children; conceptual basis for advanced nursing. Offered Fall.  
Prerequisite: NUR 2010 with a minimum grade of B and NUR 3400 with a minimum grade of B and NUR 7030 with a minimum grade of B  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 7226 Pathophysiology, Clinical Care and Management II Cr. 8
Development and demonstration of a model of advanced practice nursing or nurse-midwifery. Offered Winter.  
Prerequisite: NUR 7225 with a minimum grade of C  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 7227 Pathophysiology, Clinical Care and Management III Cr. 8
Synthesis of advanced practice nursing or nurse-midwifery model for care of women, neonates, and/or children. Offered Spring/Summer.  
Prerequisite: NUR 7226 with a minimum grade of C  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 7300 Advanced Pediatric Pharmacology Cr. 3
Basic concepts of pharmacology; application and integration of content to advanced practice nursing with high-risk neonate. Offered Spring/Summer.  
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7370 APN: Management of Neurological, Endocrine, and Musculoskeletal Problems Cr. 6
Assisting advanced practice nurses in development of clinical expertise required to co-manage persons with problems related to neurology, endocrinology, and musculoskeletal disorders. Offered Winter.  
Prerequisite: NUR 7030 with a minimum grade of B and NUR 7555 with a minimum grade of C and PTH 7500 with a minimum grade of C  
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7415 Physical and Psychosocial Issues in Aging Cr. 3
Analysis of predominant physical and psychosocial aspects of aging encountered by elderly clients. Offered Winter.  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 7444 Advanced Physiology and Pathophysiology Across the Lifespan for APRNs Cr. 4
General physiology and pathologic principles for promoting health and treating disease across the lifespan. This course builds upon previous courses in anatomy and physiology and is a core competency that provides the basis for critical thinking in the role as an advanced practice nurse. Further, it provides an in-depth study of principles of advanced physiology and pathophysiology applicable across the lifespan, including enhancement of knowledge of human physiology of organ systems as well as the etiology, developmental considerations, pathogenesis, morphology, and clinical manifestations of common disease processes. Offered Fall.  
Restriction(s): Enrollment is limited to Graduate level students.

NUR 7515 End-of-Life Issues Cr. 3-4
Physical, spiritual, legal, economic, political, cultural, and ethical issues at the end of life, examined as stories about individuals, families, and communities. Offered Yearly.  
Restriction(s): Enrollment is limited to Graduate level students.  
Equivalent: ANT 7430, SOC 7020

NUR 7555 Pharmacotherapeutics for Advanced Practice Cr. 3
This is a foundational course for the Advanced Practice Nurse programs that addresses, across-the-lifespan, fundamental principles of pharmacodynamics and pharmacokinetic in major drug classes and the organ systems they impact. Students will develop the necessary foundational knowledge to prescribe appropriate medications for major disease and illnesses in a safe and evidence-based manner. Students should have previously completed an undergraduate pharmacology course such as NUR 2060. Offered Winter.  
Prerequisites: NUR 2060 and PTH 7500  
Restriction(s): Enrollment limited to students in the Doctor of Nursing Practice, MS in Nursing or PhD in Nursing programs.

NUR 7605 Psychopharmacology for Advanced Practice Nursing Cr. 5
Focus on pharmacokinetics and pharmacodynamics of psychotropic and neurologic medications used across the life span. Emphasis on efficacy of the medications, individualized selections, and titration of dosages. Offered Fall.  
Prerequisites: NUR 7555 with a minimum grade of C (may be taken concurrently)  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.
NUR 7615 Psychopathology and Therapeutic Frameworks Across the Lifespan for PMHMP Cr. 2
This course provides an overview of psychopathology and common theoretical frameworks utilized in the treatment of psychiatric disorders. Emphasis will be placed on contemporary therapeutic frameworks, theoretical models and selected current research pertinent to psychopathology across the lifespan. The professional, ethical, and cultural issues related to psychopathology and its treatment will also be discussed. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 4 Credits

NUR 7625 Psychopharmacology Cr. 2
The course will focus on pharmacokinetics and pharmacodynamics of psychotropic and pharmacological medications used across the life span. Emphasis will be on the neuroscience and neurobiology of pharmacological treatments, safety and efficacy of medications, selection of individualized plans, and titration of dosages. Offered Winter.

Prerequisite: NUR 7444 with a minimum grade of B-
Corequisite: NUR 7555
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 4 Credits

NUR 7650 Advanced Psychiatric Assessment and Diagnostic Reasoning Cr. 1
This course provides students with a knowledge base in mental health assessment of clients across the life span within the context of the advanced psychiatric mental health nursing role. Emphasis is on the acquisition and analysis of relevant data for the development of a comprehensive and holistic mental health assessment and subsequent diagnoses. Focus is on history taking, analysis, data categories, and specific techniques used to identify mental health problems and differential diagnoses in clients across the life span. Offered Spring/Summer.

Prerequisite: NUR 7444 with a minimum grade of B- and NUR 7555 with a minimum grade of B- and NUR 7625 with a minimum grade of B-
Corequisite: NUR 7030
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 2 Credits

NUR 7710 Theoretical Perspectives of Teaching in Nursing Cr. 3
Theories of learning and teaching, critical thinking, value development, and psychomotor skill development as basis for teaching in nursing. Teaching methods in nursing for classroom and clinical practice. Offered Yearly.

Restriction(s): Enrollment is limited to Graduate level students.

NUR 7720 Evaluation and Testing in Nursing Education Cr. 3
Development of educational program in nursing. Test construction, clinical and performance evaluation, and grading. Offered Every Other Winter.

Restriction(s): Enrollment is limited to Graduate level students.

NUR 7730 Practice Teaching in Nursing Cr. 3
Application experience in educational setting appropriate to student's needs and goals. Offered Yearly.

Restriction(s): Enrollment is limited to Graduate level students.

NUR 7840 Advanced Practice Nursing with Individuals/Communities Cr. 6
Opportunities for psychiatric nursing and community health nursing advanced practice students to integrate content about individuals and communities within cultural contexts. Offered Fall.

Prerequisite: NUR 7030 with a minimum grade of B and NUR 7555 with a minimum grade of C and PTH 7500 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 7855 Advanced Practice Nursing with Groups Cr. 6
Opportunities for psychiatric nursing and community health nursing advanced practice students to integrate content about groups within cultural contexts. Offered Winter.

Prerequisite: NUR 7030 with a minimum grade of B and NUR 7555 with a minimum grade of C and PTH 7500 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 7860 Advanced Practice Nursing with Families Cr. 6
Opportunities for advanced practice psychiatric nursing and advanced practice community health nursing students to integrate content about families within cultural contexts. Offered Spring/Summer.

Prerequisite: NUR 7030 with a minimum grade of B and NUR 7555 with a minimum grade of C and PTH 7500 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 7865 Foundations of Complementary and Alternative Medicine (CAM) Cr. 3
Philosophical, historical, physiological basis of CAM; use in advanced practice nursing. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students;

NUR 7885 Advanced Practice Nursing with Individuals/Communities for the Family Psychiatric Mental Health NP Cr. 8
This course is designed to give Family Psychiatric Mental Health Nurse Practitioner students opportunities to integrate content about individuals and communities within cultural contexts. Advanced theoretical knowledge and critical thinking skills in relation to the nursing process will be demonstrated. Concepts of individual and community interventions will be applied in a wide range of service environments. Evidence-based practice will be highlighted. Offered Fall.

Prerequisite: NUR 7030 with a minimum grade of B- and NUR 7615 with a minimum grade of B- and NUR 7625 with a minimum grade of B- and NUR 7650 with a minimum grade of B-
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 16 Credits

NUR 7900 Advanced Practice Nursing with Groups for the Family Psychiatric Mental Health Nurse Practitioner Cr. 8
This course provides the student with advanced knowledge to use group psychotherapy to intervene clients experiencing dysfunctional interpersonal patterns. The clinical portion of this course assists students to develop group therapy clinical skills to treat with clients across the lifespan experiencing acute and chronic psychiatric disorders and mental health issues. Emphasis is on utilization of theoretical and conceptual models for assessing, planning, treating and evaluating dysfunctional patterns in groups, including promotion, maintenance, and restoration of mental health in age-appropriate groups. Additionally, promoting and maintaining effective communication patterns in a variety of groups is addressed. Offered Winter.

Prerequisite: NUR 7885 with a minimum grade of B
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 16 Credits
NUR 7910 Advanced Practice Nursing with Families for the Family Psychiatric Mental Health Nurse Practitioner Cr. 8
This course provides the student with the advanced knowledge base and clinical skills necessary to use family therapy to intervene with clients experiencing dysfunctional intrafamily patterns. Emphasis is placed on utilization of family theoretical and conceptual models for assessing, planning, and treating dysfunctional patterns and for assessing, promoting, maintaining, and restoring mental health to families and individuals. The impact of political, legal, economic, social, cultural, and technological factors on families, and the mental health care system are also addressed. Offered Spring/Summer.
Prerequisite(s): NUR 7900 with a minimum grade of B
Restriction(s): Enrollment is limited to Graduate level students. Repealable for 16 Credits

NUR 7990 Directed Study in Nursing Cr. 1-8
Individually designed courses of study in nursing. Offered Every Term.
Restriction(s): Enrollment is limited to Graduate level students. Repealable for 16 Credits

NUR 7998 Master’s Research Project Cr. 1-3
Scientific investigation of nursing phenomena using all steps of the research process; includes written report. Offered Every Term.
Prerequisite: NUR 7010 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8011 Scientific Writing in Nursing Cr. 1
This seminar assists students in becoming more effective scientific writers in order to be successful nurse scholars and scientists. Students will conduct a mini-review of the literature related to a specific aspect of urban health. After identifying a precise statement to focus their review, students will synthesize the literature and write iterative drafts of their review. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree; enrollment limited to students in the College of Nursing.

NUR 8012 Philosophical Basis of Nursing Cr. 3
This course focuses on the philosophical underpinnings of the discipline in order to assist students in understanding the tripartite role of a PhD-prepared nurse as scholar, scientist, and steward of the discipline. Students will explore the interaction of historical, theoretical, and philosophical contexts within which nursing science has developed, discuss the role each has played in the process of developing nursing as an academic research discipline, and examine these for congruence with contemporary thinking. Emphasis is on analyzing epistemological and ontological assumptions underlying the discipline, the science, and the practice of nursing. Debates arising from philosophy and the history of science and nursing inform discussions about the nature of science and nursing's past, present, and future directions in theory and knowledge development. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree; enrollment limited to students in the College of Nursing.

NUR 8020 Theoretically-Based Nursing Inquiry Cr. 3
This course provides students with an opportunity to synthesize and apply knowledge from the theoretical and empirical literature to a phenomenon of interest. It will assist students in translating philosophical and theoretical perspectives into research methodologies. Concept analysis and construction, theory development, and relationships among conceptual frameworks, theories, and empirical referents are critically analyzed. The course will enable students to develop or further explicate a theoretical framework to guide a study within an emerging program of research in urban health. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 8040 Quantitative Research Methods Cr. 3
This is the first of a two-part sequence research methods course. The course focuses on the fundamental principles of research as a foundation to prepare PhD educated nurses in their scientific endeavors. Concepts related to reliability and validity, sampling theory, measurement strategies, data collection strategies, and ethical conduct in research are discussed. Strategies for maintaining data quality and integrity are also discussed. The emphasis of this course is on research principles as it relates to a quantitative approach. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 8050 Introduction to Advanced Quantitative Methods: Big Data and Mixed Methods Cr. 3
Introduces advanced quantitative methods that may be used in the students' future program of research. Students will explore the methods associated with triangulation of data (i.e. mixed methods) and big data science, and the course will address the epistemological underpinnings of these two methods. Students will examine key design, sampling, analysis and management techniques required for using mixed methods or large data sets. Emphasis will be on exploring pragmatic considerations that contribute to the efficacy of projects using these different methods. Offered Fall.
Restriction(s): Enrollment is limited to students with a major in Interdisciplinary or Nursing; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.

NUR 8060 Qualitative Research Methods Cr. 3
The emphasis of this course is on the relevance of qualitative approaches to the advancement of knowledge and practice in nursing and healthcare. An overview of qualitative traditions will be covered. Sampling, measurement, data collection, data management, and analysis will be discussed relative to various qualitative approaches. Strategies to maintain data quality and integrity are also discussed. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 8065 Health Economics and Policy Evaluation of Nursing Care for Vulnerable Populations Cr. 3
The intersection of vulnerable populations and their health care needs will be explored from a health economics and health policy approach. The course will promote discourse on the economic structure of the American health system as it relates to disparities. Further, it will explore the economic analytical evaluation of health care through current economic models of analysis. Offered Spring/Summer.
Prerequisites: FPH 7240 with a minimum grade of C and NUR 8630 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.
NUR 8070 Advanced Qualitative Methods Cr. 3
Focuses on analysis and critique of various traditions within qualitative methods phenomenology, grounded theory, case study) and an in-depth examination of various methodological approaches and technical skill related to participant recruitment, ethical issues, data collection, data management and analysis, and interpretation of qualitative methods. Students must have a data set for analysis, even if they are in the process of collecting data or receive permission to use a faculty member’s data set. Offered Winter.
Prerequisites: NUR 8060 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8210 Determinants of Health and Health Disparities Cr. 3
This course examines multiple determinants of health and issues related to health disparities among vulnerable populations in urban environments. Course content addresses biophysiological, genetic, behavioral, cultural, environmental (social and physical), economic, and health policy factors that affect health and contribute to health disparities. It prepares students to generate questions of concern to health and health outcomes; and to collaborate in interdisciplinary research teams regarding determinants of health and health disparities. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 8335 Grant Writing Cr. 3
This course focuses on writing a research grant application. In-class content will address essential aspects of research grant application and development. Out-of-class time will be spent on writing a grant proposal. The course provides students with an iterative process to develop their grant writing skills. Offered Spring/Summer.
Prerequisite: NUR 8040 (may be taken concurrently) with a minimum grade of B- and NUR 8060 (may be taken concurrently) with a minimum grade of B- and NUR 8160 (may be taken concurrently) with a minimum grade of B- and NUR 8612 (may be taken concurrently) with a minimum grade of B-
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8604 Health Analytics and Data Management Cr. 4
This course provides the student with a foundation to evaluate the psychometric properties of outcome measures; to evaluate group differences for clinical programs, quality/process improvement, or practice change projects; and to synthesize results across qualitative and quantitative studies. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8610 Applied Statistical Analysis for Health Care Research I Cr. 3
The purpose of this course is to provide students with the application of selected univariate statistical procedures commonly used in nursing and health research. Topics will include descriptive and inferential statistics such as measures of central tendency and variability, sampling, estimation, hypothesis testing, analysis of variance, regression and correlation, analysis of covariance, analysis of frequency and nonparametric procedures. Emphasis is on the utilization and interpretation of basic univariate procedures applied in nursing and health research. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 8612 Applied Statistical Analysis for Health Care Research II Cr. 3
This course provides students with an opportunity to apply advanced multivariate statistical procedures. It will cover a range of advanced quantitative techniques, such as discriminant analysis, logistic regression analysis: dichotomous response, logistic regression analysis: polytomous response, principal component analysis, factor analysis, cluster analysis and survival analysis. It also addresses statistical analysis for advanced quantitative designs such as analysis of variance for some unbalanced designs, analysis of variance for some fixed-, random-, and mixed-effects models, nested or hierarchical designs, multivariate repeated-measures analysis of variance and power analysis and sample size determination. An introduction to psychometric theory for instrument development also will be addressed. Offered Winter.
Prerequisites: NUR 8610 with a minimum grade of B-
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 8615 Informatics Innovations in Nursing Cr. 3
Development of understanding of concepts in health care informatics relevant to the advanced practice nurse. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8620 Foundations of Nursing as a Discipline Cr. 3
Critical examination of factors that have contributed to the development of the discipline of nursing. Offered Fall.
Restriction(s): Enrollment limited to students in the Doctor of Nursing Practice program; enrollment is limited to Graduate level students.

NUR 8625 Evidence Based Nursing Practice: Theoretical and Methodological Issues Cr. 3
Scientific foundation for integration of evidence based knowledge into clinical practice. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8630 Conceptual Methodologies in Health Policy Leadership and Ethics Cr. 3
Basic understanding of health policy and ethical theories and practice, skills in policy development and analysis, joined with ethical analysis. Offered Spring/Summer.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8635 Clinical Practice Outcomes: Evaluation and Benchmarking Methodologies Cr. 3
Foundational knowledge and skills necessary to measure clinical outcomes and quality in advanced clinical nursing practice. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8650 Advanced Professional Leadership Cr. 3
Preparation of advanced nurses and others to effectively transition into the role of leader and change agent. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 8670 APN Specialty I: Foundations Cr. 3-4
This course provides students with the foundational knowledge and skills necessary to manage the health care needs across the developmental spectrum, while providing the conceptual basis for advanced practice nursing (APN). Course content focuses on refinement and further development of basic clinical diagnostic skills, including physical examination, diagnosis, management, interventions, and outcomes assessment. Health promotion/wellness models, biopsychosocial and cultural theories are integrated throughout. Offered Fall.
Prerequisites: NUR 7030 with a minimum grade of B
Corequisite: NUR 8675
Restriction(s): Enrollment is limited to Graduate level students.
NUR 8675 APN Specialty Clinical I: Foundations Cr. 4-5
The clinical (lab) component focuses on the continued application of specialty knowledge foundational to advanced practice nursing or nurse-midwifery. Emphasis is placed on strengthening and further development of the nurse practitioner/nurse-midwifery management model, roles of advanced practice nurses, and interventions to promote and/or restore health within each specialty area. Offered Fall.
Prerequisites: NUR 7030 with a minimum grade of B
Corequisite: NUR 8670
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8680 APN Specialty II: Intermediate Cr. 3-4
This course is designed to provide the student with the knowledge and opportunity to further develop and demonstrate use of a model of advanced practice across the developmental lifespan. The specialty seminar focuses on strengthening and further development of the application of the specialty knowledge of acute care, children, community, neonates, primary care, psychiatric and women's health within a broad social context. Students manage the care of clients in their designated specialty area while assessing for deviations from normal which may result in collaboration or referral. Development of the advanced practice role, provision of a supportive clinical practice environment, and examination of factors that contribute to the vulnerability of clients across the developmental lifespan are included. Offered Winter.
Prerequisites: NUR 8670 with a minimum grade of B and NUR 8675 with a minimum grade of B
Corequisite: NUR 8685
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8685 APN Specialty Clinical II: Intermediate Cr. 4-5
The clinical (lab) component focuses on the continued application of specialty knowledge foundational to advanced practice nursing. Emphasis is placed on strengthening and further development of the nurse practitioner/nurse-midwifery management model, roles of advanced practice nurses, and interventions to promote and/or restore health within each specialty area. Offered Winter.
Prerequisites: NUR 8670 with a minimum grade of B and NUR 8675 with a minimum grade of B
Corequisite: NUR 8680
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8690 APN Specialty III: Advanced Cr. 2-4
This course provides students with the foundational knowledge and skills necessary to manage the health care needs across the adult developmental spectrum, while providing the conceptual basis for advanced practice nursing (APN). Course content focuses on refinement and further development of basic clinical diagnostic skills, including physical examination, diagnosis, management, interventions, and outcomes assessment. Health promotion/wellness models, biopsychosocial and cultural theories are integrated throughout the course. The APN management models of care are used in the provision of care to clients. Emphasis is placed on the knowledge necessary to care for clients across the adult developmental spectrum from a variety of cultural, ethnic, and racial backgrounds. Offered Spring/Summer.
Prerequisites: NUR 8680 with a minimum grade of B and NUR 8685 with a minimum grade of B
Corequisite: NUR 8695
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8695 APN Specialty Clinical III: Advanced Cr. 4-6
The clinical (lab) component focuses on the continued application of specialty knowledge foundational to advanced practice nursing. Emphasis is placed on strengthening and further development of the nurse practitioner/nurse-midwifery management model, roles of advanced practice nurses, and interventions to promote and/or restore health within each specialty area. Offered Spring/Summer.
Prerequisites: NUR 8680 with a minimum grade of B and NUR 8685 with a minimum grade of B
Corequisite: NUR 8690
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8890 Special Topics in Nursing Cr. 1-8
Exploration and analysis of topics significant to the development of nursing science and professional practice at the doctoral level. Offered Yearly.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree. Repeatable for 8 Credits

NUR 8895 Population Health for Nursing Cr. 3
Introduction to the basic concepts of epidemiology as tools that will promote understanding of the complexity of local, national, and global healthcare systems. Emphasis is on the use of epidemiologic reasoning in deriving inferences about the etiology of health outcomes from population data and in guiding the design of health service programs. Discussion of behavioral and contextual factors that converge to impact the health of individuals, families, and communities in relationship to strategies that advanced practice nurses use to mitigate these factors. Students will be challenged to develop approaches for using epidemiology to influence, create, and lead change. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

NUR 8890 Directed Study Cr. 1-8
Individually designed courses in nursing for doctoral students whose needs and interests are not met in scheduled classes. Offered Every Term.
Restriction(s): Enrollment is limited to Graduate level students. Repeatable for 9 Credits

NUR 8999 Master's Thesis Research and Direction Cr. 1-8
Offered Every Term.
Prerequisite: NUR 7010 with a minimum grade of C
Restriction(s): Enrollment limited to students with a class of Candidate Masters; enrollment is limited to Graduate level students.
Repeatable for 8 Credits

NUR 9500 DNP Project Practicum I Cr. 2
The course provides guided exploration of a practice topic and/or population of interest for a DNP project. The project practicum gives the student hands on experience in her/his area of clinical inquiry. A minimum of 30 of the 90 practicum hours will be dedicated to faculty approved observational experiences with clinical experts and potential implementation sites. Offered Every Term.
Prerequisites: NUR 8620 with a minimum grade of B
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.
NUR 9505 DNP Project Practicum II Cr. 2
This course requires the student to engage faculty, community and/or healthcare organization leaders for project proposal planning of an evidenced-based DNP Project based on the specific practice topic identified. The student must establish the state of the science upon which the DNP Project will be based. The student will establish working relationships with community or organizational leaders and develop a broader perspective of specific practice topic identified. The DNP Project Chair, practice leaders and experts will assist with development of a plan that is relevant and feasible. Offered Every Term.
**Prerequisites:** NUR 8625 with a minimum grade of B- and NUR 9500 with a minimum grade of B-
**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 9510 DNP Project Practicum III Cr. 4
This is an individualized practicum supervised and approved by the DNP Project Chair. This course builds on the knowledge and skills developed in the core courses. The student, working with their DNP Project Chair, will implement the project as approved by the student's DNP Project Committee. The DNP student will meet with relevant organizational leaders as it relates to the development and implementation of the DNP Project. The DNP Project will be implemented in a setting approved by the DNP Project Committee. Offered Every Term.
**Prerequisites:** NUR 9505 with a minimum grade of B-
**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 9520 DNP Project Cr. 4
This is an individualized practicum supervised and approved by the DNP Project Chair. This course builds on the knowledge and skills developed in the core courses. The student, working with their DNP Project Committee, will prepare the final DNP Product as required by the DNP Program. The course provides the student with the opportunity to demonstrate their ability to analyze, synthesize and apply clinical inquiry knowledge and competencies through written and public presentation. Offered Fall, Winter.
**Prerequisites:** NUR 9510 with a minimum grade of B-
**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the College of Nursing.

NUR 9990 Pre-Doctoral Candidacy Research Cr. 1-8
Research in preparation for doctoral dissertation. Offered Every Term.
**Restriction(s):** Enrollment is limited to Graduate level students.
**Repeatable for 12 Credits**

NUR 9991 Doctoral Candidate Status I: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
**Restriction(s):** Enrollment is limited to Graduate level students.

NUR 9992 Doctoral Candidate Status II: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
**Prerequisite:** NUR 9991 with a minimum grade of S
**Restriction(s):** Enrollment is limited to Graduate level students.

NUR 9993 Doctoral Candidate Status III: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
**Prerequisite:** NUR 9992 with a minimum grade of S
**Restriction(s):** Enrollment is limited to Graduate level students.

NUR 9994 Doctoral Candidate Status IV: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
**Prerequisite:** NUR 9993 with a minimum grade of S
**Restriction(s):** Enrollment is limited to Graduate level students.

NUR 9995 Candidate Maintenance Status: Doctoral Dissertation Research and Direction Cr. 0
Offered Every Term.
**Restriction(s):** Enrollment is limited to Graduate level students.
**Course Material Fees:** $402.01
**Repeatable for 0 Credits**