

NURSING (NRSNG)

NRSNG 800 FOUNDATIONS OF SCHOLARLY WRITING 1 Credit Hour

In this course, students will build upon their composition and writing skills from their undergraduate program to develop a graduate level of scholarly writing. Emphasis will be on scholarly writing style utilizing evidence, grammar, punctuation, and basic writing skills. This course will also improve students' knowledge of responsibility and ethical access and use of information. 1 didactic credit.

Cross List: NRSNG 600

Typically Offered: FALL/SPR

NRSNG 801 ADVANCED-LEVEL NURSING ROLES 2 Credit Hours

This course introduces students to multiple advanced-level professional nursing roles. Students will appraise leadership theories to better understand application with advanced-level nursing leadership roles. The focus is on personal, professional, and leadership development in the delivery of high quality, safe and effective person-centered advanced-level nursing care. The intentional exploration of the history of nursing will be undertaken to understand diversity, equity, and inclusion in the provision of culturally competent care to improve health while advocating for social justice. Principles of professional identity, communication, interprofessional partnerships, self-reflection and life-long learning will be emphasized in the role of the advanced-level nurse to promote personal and societal well-being. 2 didactic credits

Cross List: NRSNG 601

Typically Offered: FALL/SPR

NRSNG 802 FOUNDATIONS OF QUALITY, SAFETY, INFORMATICS AND FINANCE 4 Credit Hours

This course explores the theoretical foundations and application of quality improvement methods and strategies including technologies, informatics and financial/business planning needed to increase organizational effectiveness. Focuses on measurement and accountability in health care delivery systems through the examination and analysis of data, structures, processes and outcomes. Appraises the socioeconomic impact of the delivery of health care and design practices that enhance value, access, cost-effectiveness, quality and safety. Prepares students to lead and practice in organizations that advance high reliability principles, patient safety, inter-professional teamwork, and continuous learning. 4 didactic credits.

Cross List: NRSNG 602

Typically Offered: SUM/FALL

NRSNG 802B NURSING SCHOLARSHIP 1-4 Credit Hours

This course is designed to engage the learner in critically examining the scholarship of nursing. Emphasis is on the description and appraisal of nursing theories, research and other forms of literature as the foundation of evidenced-based advanced nursing practice. 1, 3 or 4 didactic credits.

Prerequisite: Graduate Statistics, or permission of instructor.

Cross List: NRSNG 602B

Typically Offered: FALL/SP/SU

NRSNG 803 FOUNDATIONS OF THEORIES AND EVIDENCE-BASED PRACTICE 3 Credit Hours

This course introduces students to the multiple professional roles of the advanced-level nurse within a team environment. This course is designed to engage students in critically examining the types of nursing and healthcare scholarship and research. Students will appraise nursing theories to better understand how they contribute to advanced-level nursing. National documents that guide curricula and advanced nursing practice will be critically examined. Students will learn about the different ways in which healthcare research informs advanced-level nursing practice. Students will also learn how to use change theory to enhance advanced-level nursing practice.

Cross List: NRSNG 603

Typically Offered: SUM/SPRING

NRSNG 803B LEADERSHIP IN NURSING 3 Credit Hours

This course enhances the development of future nurse leaders capable of improving delivery of care to individuals, families, communities, organizations and health care systems. Students will develop an understanding of professional leadership theories and how these theories can shape the advanced practice leader in the roles of a nurse practitioner, administrator, educator and/or researcher. Special attention will be given to developing skills for effective leadership, for example collaboration, conflict resolution, decision-making, and negotiation. Students explore their personal and professional leadership style and skills and analyze strategies to advance programs and policy to meet the needs of populations. 3 didactic credits.

Cross List: NRSNG 603B

Typically Offered: FALL/SP/SU

NRSNG 804B HEALTH SYSTEMS INNOVATION AND IMPROVEMENT 3 Credit Hours

This course is designed to understand the US health care system and to analyze changes within the evolving health care system. Students apply principles of quality improvement as a basis for shaping innovation in healthcare. Group functioning to change healthcare is the major focus. 3 didactic credits.

Cross List: NRSNG 604B

Typically Offered: FALL/SP/SU

NRSNG 805 ADVANCED PATHOPHYSIOLOGY 4 Credit Hours

This course provides students with an understanding of pathophysiology that will support clinical decision making about diagnosis and treatment of acute and chronic diseases. The course comprises two parts. In the first part, the etiologic mechanisms of diseases, such as cellular injury, inflammation, healing, genetics, oncogenesis are discussed. In the second part, students apply the etiologic mechanisms to each body system by examining common diseases states. Each week clinical scenarios depicting cases that students are likely to encounter in their clinical placements and practice are discussed in class. 4 didactic credits

Prerequisite: Course in undergraduate pathophysiology or permission of instructor.

Cross List: NRSNG 605.

Typically Offered: FALL/SPR

NRSG 806 PHARMACOTHERAPEUTICS FOR THE ADVANCED-LEVEL NURSE 3 Credit Hours

This course provides the professional graduate nursing student with collaborative pharmacy and nursing experiences leading to advanced clinical pharmacotherapeutic management skills in delivering health care to consumers. The course addresses selected pharmacodynamic and pharmacokinetic properties of medications recommended or prescribed in primary and other healthcare settings, principles of appropriate medication selection and consumer monitoring, and prescriptive authority responsibilities. This course also incorporates theoretical knowledge using clinical situations to stimulate critical thinking skills and provides the student with information specific to all age groups, encompassing a life span approach. Emphasis is consistently placed on the protection of life from the unborn to the aged. 3 didactic credits
Prerequisite: Undergraduate pharmacology course or permission of instructor.

Cross List: NRSG 606

Typically Offered: SPRING

NRSG 807 ADVANCED ASSESSMENT AND CLINICAL REASONING ACROSS THE LIFE SPAN 3 Credit Hours

The purpose of this course is to increase knowledge and expertise for the acquisition of advanced clinical skills in assessing and maintaining the health of individuals across the life span. Independent modules, classroom presentations, clinical lab, and simulation will provide opportunities for students to develop advanced practice skills in history taking, physical examinations, and clinical reasoning. 3 credits (2 didactic/1 lab).

Prerequisite: NRSG 805, NRSG 806 or permission of instructor

Cross List: NRSG 607

Typically Offered: SUMMER

NRSG 808B TRANSITION TO NURSE PRACTITIONER PRACTICE 1 Credit Hour

Synthesis of advanced theoretical knowledge as a basis for advanced nursing practice as a nurse practitioner. 1 didactic credit

Corequisite: NRSG 827, NRSG 828, NRSG 840, NRSG 868 or NRSG 884

Cross List: NRSG 608B

Typically Offered: SPRING

NRSG 809B HEALTH PROMOTION FOR POPULATIONS 3 Credit Hours

This course is designed to examine health promotion and disease prevention interventions. The course provides a foundation for population-based health promotion intervention with an emphasis on theoretical models, intervention strategies and culturally sensitive practice. 3 didactic credits.

Cross List: NRSG 609B

Typically Offered: FALL/SP/SU

NRSG 810 PATHOPHYSIOLOGY FOR THE CLINICAL NURSE LEADER 2 Credit Hours

This course provides students with an understanding of pathophysiology that will support clinical decision making about diagnosis and treatment of acute and chronic diseases. The course is comprised of two sections. In part 1, the etiologic mechanisms of diseases, such as cellular injury, inflammation, healing, genetics, oncogenesis are discussed. Each week clinical scenarios depicting cases that students are likely to encounter in their clinical placements and practice are discussed in synchronous class sessions. In part 2, students will apply the etiologic mechanisms to selected body systems by examining selected disease states, and independently completing two written assignments via asynchronous participation. 2 didactic credits

Cross List: NRSG 610

Typically Offered: FALL

NRSG 810B ADULT-GERONTOLOGY PRIMARY CARE CLINICAL PRACTICUM I 2 Credit Hours

This course will provide clinical experiences to apply learning from the corequisite didactic course. 2 clinical credits

Corequisite: NRSG 821

Cross List: NRSG 610B

Typically Offered: FALL

NRSG 811 PHARMACOLOGY FOR THE CLINICAL NURSE LEADER 2 Credit Hours

This course examines the clinical applications of pharmacological principles, including pharmacokinetics and pharmacodynamics, from the perspective of the Clinical Nurse Leader. This course utilizes an integrated case study analysis of pharmacotherapeutic agents used in the treatment of illness and the promotion, maintenance, and restoration of wellness in diverse individuals across the lifespan. 2 didactic credits

Prerequisite: NRSG 810 must be taken as a prerequisite or as a corequisite

Cross List: NRSG 611

Typically Offered: SPRING

NRSG 819B ADULT-GERONTOLOGY PRIMARY CARE CLINICAL PRACTICUM II 3 Credit Hours

This course will provide clinical experiences to apply learning from the corequisite didactic course. 3 clinical credits.

Corequisite: NRSG 825B

Cross List: NRSG 619B

Typically Offered: SPRING

NRSG 820B ADULT GERONTOLOGY ACUTE CARE NURSE PRACTITIONER (NP) I 3 Credit Hours

This course will provide the student with clinical experiences to apply the course objectives in the clinical setting. 3 clinical credits.

Corequisite: NRSG 826B

Cross List: NRSG 620B

Typically Offered: SPRING

NRSG 821B ADULT-GERONTOLOGY PRIMARY CARE I 2 Credit Hours

This course is the first in a series of four sequential courses. This course focuses on the role of the nurse practitioner in the changing landscape of health care practice, in primary and secondary prevention of illness in the adult and elderly, and in the assessment and documentation of adult health maintenance exams. This course also focuses on management and documentation of selected health care problems related to dermatology, ophthalmology, upper respiratory, sexually transmitted infections, and women's health. 2 didactic credits

Prerequisite: NRSG 807

Corequisite: NRSG 810

Cross List: NRSG 621B

Typically Offered: FALL

NRSG 822B ACUTE CARE NURSE PRACTITIONER ROLE: DIAGNOSTICS AND THERAPEUTICS 3 Credit Hours

This course introduces students to the role and scope of practice for Adult Gerontology Acute Care nurse practitioners. This course provides theoretical knowledge and emphasizes psychomotor skills necessary to provide selected advanced practice nursing interventions utilized in the evaluation and management of acute and critically ill adults and elders. Evidence-based clinical reasoning and decision-making techniques are presented and applied in simulation lab practices for skills acquisition and demonstration of competency. 3 didactic credits

Prerequisite: NRSG 807

Corequisite: NRSG 831

Cross List: NRSG 622B

Typically Offered: FALL

NRSG 823B ADULT-GERONTOLOGY PRIMARY CARE CLINICAL PRACTICUM III 3 Credit Hours

This course will provide clinical experiences to apply learning from the corequisite didactic course. 3 clinical credits.

Corequisite: NRSG 829

Cross List: NRSG 623B

Typically Offered: FALL

NRSG 824B ADULT-GERONTOLOGY ACUTE CARE NURSE PRACTITIONER (NP) II 3 Credit Hours

This course will provide the student with clinical experiences to apply the course objectives in the clinical setting. 3 clinical credits.

Corequisite: NRSG 835

Cross List: NRSG 624B

Typically Offered: FALL

NRSG 825B ADULT-GERONTOLOGY PRIMARY CARE II 3 Credit Hours

This is the second of four sequential courses. The emphasis is on preparing the adult-gerontology primary care nurse practitioner to provide comprehensive, chronic, continuous, coordinated care in a long-term relationship with adolescents, adults and older adults. The course will use theoretical frameworks and evidence-based strategies to guide learning about chronic care of adults. Also, this course focuses on management and documentation of selected health problems: cardiovascular, pulmonary, anemia, genitourinary, renal/urology, and urinary and fecal incontinence. 3 didactic credits

Prerequisite: NRSG 821B

Corequisite: NRSG 819B

Cross List: NRSG 625B

Typically Offered: SPRING

NRSG 826B ADULT-GERONTOLOGY ACUTE CARE HEALTH PROBLEMS I 3 Credit Hours

This theoretical course develops the knowledge and skills necessary for nurse practitioners to care for adults and older adults with acute, critical and complex chronic physical and mental illnesses including late adolescents and frail older adults across the lifespan. 3 didactic credits

Prerequisite: NRSG 822B, NRSG 831B

Corequisite: NRSG 820B

Cross List: NRSG 626B

Typically Offered: SPRING

NRSG 827B ADULT-GERONTOLOGY PRIMARY CARE CLINICAL PRACTICUM IV 4 Credit Hours

This course will provide clinical experiences to apply learning from the corequisite didactic course. 4 clinical credits

Corequisite: NRSG 832B

Cross List: NRSG 627B

Typically Offered: SPRING

NRSG 828B ADULT-GERONTOLOGY ACUTE CARE NURSE PRACTITIONER (NP) III 3 Credit Hours

This course will provide an opportunity for a final clinical practicum to implement advanced practice nursing roles to meet the objectives of the adult-gerontology program. This final clinical practicum provides an opportunity for students to demonstrate a synthesis of their adult-gerontology clinical competencies in preparation for their future practice as adult-gerontology acute care (NP). 3 clinical credits.

Prerequisite: NRSG 835B, NRSG 824B

Cross List: NRSG 628B

Typically Offered: SPRING

NRSG 829B ADULT-GERONTOLOGY PRIMARY CARE III 3 Credit Hours

This is the third of four sequential courses. This course focuses on the role of the adult-gerontology primary care nurse practitioner in evidence-based management and documentation of chronic, medically complex health problems, in participation in integrated primary care, and in leadership of interprofessional comprehensive adult/geriatric assessments and care plans. Also, this course focuses on management and documentation of selected health problems: endocrine, musculoskeletal, neurological, HIV, oncology, pain/addiction/opioid use and misuse, and neurocognitive disorders. 3 didactic credits

Prerequisite: NRSG 825

Corequisite: NRSG 823

Cross List: NRSG 629B

Typically Offered: FALL

NRSG 831B ADULT-GERONTOLOGY ACUTE CARE NURSE PRACTITIONER (NP) COMPREHENSIVE ASSESSMENT PRACTICUM 3 Credit Hours

This course is the clinical component intended to be taken concurrently with NRSG 622. This course will provide the adult-gerontology acute care NP student with clinical experiences to apply the course objectives for NRSG 622 in the inpatient and specialty care clinical setting. 3 clinical credits.

Corequisite: NRSG 822

Cross List: NRSG 631B

Typically Offered: FALL

NRSG 832B ADULT-GERONTOLOGY PRIMARY CARE IV 1 Credit Hour

This is the final course of four sequential courses. The course focuses on the role of the adult gerontology primary care nurse practitioner in palliative care. Emphasis is placed on management and documentation of frailty, end-of-life, advanced care planning, maintenance of function, comfort measures, and behavioral disturbance management. 1 didactic credit

Prerequisite: NRSG 829B

Corequisite: NRSG 827B

Cross List: NRSG 632B

Typically Offered: SPRING

NRSG 834B SPECIAL TOPICS IN ADULT-GERONTOLOGY NURSING 1-6 Credit Hours

Independent study of selected clinical problems in the area of Adult-Gerontology Nursing. 1-6 credits.

Cross List: NRSG 634B

Typically Offered: FALL/SP/SU

NRSG 835B ADULT-GERONTOLOGY ACUTE CARE HEALTH PROBLEMS II 3 Credit Hours

This is the second theoretical course of acute care that develops the knowledge and skills necessary for nurse practitioners to care for adults and older adults with acute, critical and complex chronic physical and mental illnesses including late adolescents and frail older adults across the lifespan. 3 didactic credits

Prerequisite: NRSG 826, NRSG 820

Corequisite: NRSG 824

Cross List: NRSG 635B

Typically Offered: FALL

NRSB 837B HEALTH PROMOTION IN PRIMARY CARE FOR INDIVIDUALS AND FAMILIES 3-5 Credit Hours

Assessment and interventions for risk management, disease prevention and case findings for individuals and families across the lifespan. 3-5 credits: 1-3 didactic, 0-2 clinical.

Prerequisite: Admission to the Professional Graduate Nursing Program or permission of the instructor. Twelve (12) months of recent full-time clinical experience per CON policy.

Cross List: NRSB 637B

Typically Offered: FALL

NRSB 838B PRIMARY HEALTH CARE OF YOUNG FAMILIES 3-6 Credit Hours

Knowledge and skills for providing primary health care to children and child-rearing families. 3-6 credits (3 didactic/ 1-3 lab).

Prerequisite: NRSB 837, NRSB 839 or permission of instructor.

Cross List: NRSB 638B

Typically Offered: FALL

NRSB 839B PRIMARY HEALTH CARE OF OLDER FAMILIES 3-6 Credit Hours

Knowledge and skills for providing primary health care to middle-aged and older families. Focus is on the risk management and care of acute and chronic illnesses. 3-6 credits (3 didactic/0-3 lab).

Prerequisite: NRSB 837B or permission of instructor.

Cross List: NRSB 639B

Typically Offered: SPRING

NRSB 840B ADVANCED PRIMARY HEALTH CARE OF FAMILIES 1-5 Credit Hours

Comprehensive primary health care is provided to individuals and families across the lifespan. 1-5 credits (1-5 clinical).

Prerequisite: NRSB 839B or permission of instructor.

Cross List: NRSB 640B

Typically Offered: SPRING

NRSB 848B SPECIAL TOPICS IN PRIMARY HEALTH CARE NURSING 1-6 Credit Hours

Provides opportunity to explore selected topics or clinical problems related to advanced practice in primary health care nursing in depth. Either independent study involving readings developed in consultation with instructor, or seminar for which topics will vary depending upon the objectives identified by student and faculty. 1-6 didactic credits.

Prerequisite: Permission of instructor

Cross List: NRSB 648B

Typically Offered: FALL/SP/SU

NRSB 851B HEALTH CARE SYSTEMS AND POLICY 3 Credit Hours

Evaluation of health care systems and their effect on the health of populations. Emphasis will be on systems theory/thinking, health policy and strategies and the coalition building process to influence systems. 3 credits (1.5 didactic/1.5 clinical).

Cross List: NRSB 651B

Typically Offered: SPRING

NRSB 852B ORGANIZATIONAL IMPROVEMENTS 2-4 Credit Hours

This course is designed to analyze value-based change within organizational units and to apply knowledge of evidence-based leadership and management practice to improve outcomes at the microsystem level. The course provides a foundation in facilitating value-based change through the measurement, evaluation and improvement of care delivery. 2 or 4 credits (2 didactic/0 or 2 clinical).

Cross List: NRSB 652B

Typically Offered: FALL

NRSB 853 ANALYZING ISSUES IN NURSING ADMINISTRATION 3 Credit Hours

This course is designed to provide didactic content and practicum experience using a learning community consisting of students, faculty and experienced nurse managers in health care leadership roles. Emphasis is on analyzing personal, professional and organizational leadership philosophies/practices. Key issues explored include legal and ethical considerations, regulatory issues, risk management concerns, and integrating leadership, management, human resources, and administrative skills into the professional nursing administration practice role. (1 didactic/2 clinical)

Cross List: NRSB 653.

Typically Offered: SUMMER

NRSB 854B INTRODUCTION TO HEALTH INFORMATICS 3 Credit Hours

An introduction to the analysis and evaluation of information needs and information systems in communities and health care organizations. Informatics knowledge, skills, and abilities necessary for clinical, administrative, and technical decision making will be emphasized.

Clinical, financial, policy, legal, technical and ethical issues concerning healthcare informatics will be discussed. (3 didactic credits)

Cross List: NRSB 654B

Typically Offered: SPRING

NRSB 855B FINANCIAL MANAGEMENT AND HEALTH CARE ECONOMICS 3 Credit Hours

Examination of health care economics, financial planning, analysis, and management with a focus on the role of the nurse leader/executive.

Key issues explored include health care financing, relationship between finance, economics and quality, accounting principles, and ethics. Central to the course is the clinical application of key principles and methods of financial analysis, cost analysis, budgeting, and business planning. (2 didactic/1 clinical)

Cross List: NRSB 655B

Typically Offered: FALL

NRSB 856B DEVELOPING SYSTEMS AND INFRASTRUCTURES IN HEALTH CARE ORGANIZATIONS 5 Credit Hours

Application of leadership and administrative knowledge as they relate to supporting and maintaining the mission of health care organizations, especially at the microsystem and mesosystem levels. Emphasis is on developing leadership skills, analyzing systems to promote transition and managing units, departments or programs strategically. 5 credits (3 didactic/2 clinical)

Prerequisite: NRSB 802, NRSB 803, NRSB 804, NRSB 851, NRSB 852, NRSB 854, NRSB 855, or permission of instructor.

Cross List: NRSB 656B

Typically Offered: FALL

NRSB 857B PRACTICUM IN MANAGING AND EVALUATING IN HEALTH CARE ORGANIZATIONS 5 Credit Hours

Seminar and clinical management and evaluation experiences in a health care organization. Emphasis is on developing leadership, management and evaluation skills, enhancing personal effectiveness, and integrating knowledge into the practice role of a nursing administration specialist. 5 credits (2 didactic/3 clinical).

Prerequisite: NRSB 856B or permission of instructor.

Cross List: NRSB 657B

Typically Offered: SPRING

NRS 858B NURSE LEADER/EXECUTIVE CLINICAL PRACTICUM 1-11**Credit Hours**

This course is a variable credit clinical practicum course intended to be taken to address identified gaps in meeting clinical requirements of the Nurse Leader/Executive MSN, PMC, DNP and or PhD. Emphasis is on providing clinical practicum experiences for the student to develop leadership and systems management skills which enhance human and systems resources and outcomes. 1-11 clinical credits

Cross List: NRS 658B

Typically Offered: FALL/SP/SU

NRS 859B SPECIAL TOPICS IN NURSING ADMINISTRATION 1-6 Credit Hours

Independent study course exploring selected topics or clinical problems related to Nursing Administration advanced practice. Seminar or clinical practicum format. Topics will vary. 1-6 credits.

Prerequisite: Permission of instructor.

Cross List: NRS 659B

Typically Offered: FALL/SP/SU

NRS 862B COUNSELING MODELS IN ADVANCED PSYCHIATRIC MENTAL HEALTH NURSING 2-3 Credit Hours

Application of counseling frameworks in the care of individuals, families, groups and communities representing diversity in culture, lifestyle and values. Emphasizes the counseling role of psychiatric mental health advanced practice nurse (PMHAPN) as well as the concepts underlying nursing's practice of the counseling role, including ethical and legal considerations. Lab focus on the development of individual and group counseling skills for advanced nursing practice. 2-3 credits (2 didactic/0-1 lab).

Cross List: NRS 662B

Typically Offered: FALL

NRS 863B ADVANCED PSYCHIATRIC MENTAL HEALTH NURSING WITH ADULTS 2-4 Credit Hours

The advanced nursing role in assessment, diagnosis, treatment, and management of psychiatric mental health problems in adulthood at the individual, family, and community levels. 2 or 4 credits (2 didactic/0 or 2 lab).

Prerequisite: NRS 862B

Corequisite: NRS 806B, NRS 865B or permission of instructor.

Cross List: NRS 663B

Typically Offered: SPRING

NRS 864B ADVANCED PSYCHIATRIC MENTAL HEALTH NURSING WITH CHILDREN AND ADOLESCENTS 2-4 Credit Hours

The advanced nursing role in assessment, diagnosis, treatment, and management of psychiatric mental health problems in childhood and adolescence at the individual, family and community levels. 2 or 4 credits (2 didactic/0 or 2 lab).

Prerequisite: NRS 862.

Corequisite: NRS 806, NRS 865 or permission of instructor.

Cross List: NRS 664B

Typically Offered: FALL

NRS 865B NEUROSCIENCE PSYCHOPHARMACOLOGY FOR ADVANCED PRACTICE NURSING 2 Credit Hours

Emphasis on knowledge of neuroanatomy, neuroregulation, psychopharmacological management of psychiatric problems and promotion of well-being across the lifespan. 2 didactic credits.

Prerequisite: NRS 862 or permission of instructor.

Cross List: NRS 665B

Typically Offered: FALL

NRS 868B PRACTICUM IN ADVANCED PSYCHIATRIC MENTAL HEALTH NURSING 1-4 Credit Hours

Development of additional clinical skills, including advanced nursing judgment, decision-making skills and leadership. Specific learning objectives and setting(s) determined in consultation with faculty. 1-4 clinical credits.

Prerequisite: NRS 806, NRS 862, NRS 863, NRS 864, NRS 865 or permission of instructor.

Cross List: NRS 668B

Typically Offered: FALL/SP/SU

NRS 869 PSYCHEDELIC-ASSISTED PSYCHOTHERAPY 1 Credit Hour

This course addresses key aspects of psychedelic-assisted psychotherapy including a history of psychedelic experiences and substances. It also reviews modalities of and research on consciousness transformation. Modules will examine the pharmacology of psychedelics, psychedelic research, and pre- and post-psychedelic assessments. Concentrated modules will review preparation and integration coaching, the Multidisciplinary Association for Psychedelic Studies MDMA protocol, and various ketamine-assisted psychotherapy protocols. Lastly, the course will review Internal Family Systems Therapy as an approach that can support individuals pursuing psychedelic experiences. 1 didactic credit.

Prerequisite: NRS 862 (or equivalent graduate psychotherapy course) and NRS 865 (or another graduate course reviewing psychopharmacology)

Cross List: NRS 669.

Typically Offered: SUMMER

NRS 871B PRIMARY CARE AND HEALTH PROMOTION IN CHILDREN'S HEALTH 3-5 Credit Hours

Knowledge and skill in the diagnostic reasoning process for assessing, promoting and maintaining the health of children and the management of common health problems. Clinical-based experiences will provide opportunities for students to develop advanced nurse practice interventions in management, promotion and maintenance of common health problems in children within the family context. 3-5 credits (3 didactic/0-2 clinical).

Cross List: NRS 671B

Typically Offered: FALL

NRS 872B PRIMARY CARE OF CHILDREN II: ACUTE HEALTH PROBLEMS 2-5 Credit Hours

The focus of this course is the advanced practice nursing management of selected acute health care problems as these affect children within the context of their families. The managed care includes monitoring the status of the acute condition, the presence of episodes of common pediatric problems and normal developmental issues and concerns. The clinical experiences will be in selected acute care and community based child health care settings. Research will be evaluated for utilization to monitor and ensure quality child health management. 2-5 credits (2 didactic/0-3 clinical).

Corequisite: NRS 805B or permission of instructor.

Cross List: NRS 672B

Typically Offered: SPRING

NRSG 873 PRIMARY CARE OF CHILDREN III: CHRONIC HEALTH PROBLEMS 2-6 Credit Hours

The focus of this course is the advanced practice nursing management of selected chronic health care problems as these affect children within the context of their families. The managed care includes monitoring the status of the chronic condition, the presence of acute episodes of common child health problems and normal developmental issues and concerns. Content and clinical experiences will emphasize assessment, diagnosis, prescribed therapies, and management of children over time with stable chronic health care problems. The clinical experiences will be in selected chronic care and primary care child health settings. Research will be evaluated for utilization to monitor and ensure quality child health management. 2-6 credits (2 didactic/0-4 hours clinical).

Prerequisite: NRSG 872 or permission of instructor.

Cross List: NRSG 673.

Typically Offered: FALL

NRSG 874B PEDIATRIC ACUTE CARE I 3 Credit Hours

The purpose of this course is to demonstrate knowledge and expertise related to the role of the pediatric nurse practitioner to develop clinical judgement diagnostic reasoning in the assessment, diagnosis, and management of children with complex acute, critical, and chronically ill patients with urgent and emergent health condition. Course content will focus on acute conditions of the cardiovascular and pulmonary systems, as well as the management of infectious disease and emergency conditions. Evidence-based practice will be used to inform and improve NP practice that focuses on pediatric acute care management from infancy through adolescence.

Cross List: NRSG 674B

Typically Offered: FALL

NRSG 875B PEDIATRIC ACUTE CARE II 3 Credit Hours

The purpose of this course is to demonstrate knowledge and expertise related to the role of the pediatric nurse practitioner to develop clinical judgement diagnostic reasoning in the assessment, diagnosis, and management of children with complex acute, critical, and chronically ill patients with urgent and emergent health condition. Course content will be delivered in a systems-approach to cover acute conditions of the neurological, gastrointestinal, hematologic, renal, endocrine, and other body systems. Evidence-based practice will be used to inform and improve NP practice that focuses on pediatric acute care management from infancy through adolescence.

Cross List: NRSG 675B

Typically Offered: SPRING

NRSG 876B ADVANCED PRACTICE WOMEN'S HEALTH CARE I 2 Credit Hours

The purpose of this course is to increase knowledge and skill in the diagnostic reasoning process for assessing, promoting and maintaining the health of women and the management of common health problems. This course will focus on wellness, primary care, reproductive dynamics, normal gynecological issues and low-risk obstetrics.

Prerequisite: NRSG 807 or permission of instructor.

Corequisite: NRSG 879

Cross List: NRSG 676B

Typically Offered: FALL

NRSG 877B ADVANCED PRACTICE WOMEN'S HEALTH CARE II 3 Credit Hours

The focus of this course is on the role of the advanced practice nurse in acute health issues in women and the management of deviations from normal gynecology and low-risk obstetrics. This course will emphasize comprehensive assessment and management of disease processes and treatment of deviations from normal in both acute and community-based settings.

Prerequisite: NRSG 805B, NRSG 806B, NRSG 807B or permission of instructor.

Corequisite: NRSG 879B

Cross List: NRSG 677B

Typically Offered: SPRING

NRSG 878B ADVANCED PRACTICE WOMEN'S HEALTH CARE III 2 Credit Hours

The focus of this course is on the role of the advanced practice nurse in the management of complex women's health conditions including high risk obstetric and gynecologic issues, and chronic health problems. Content will emphasize assessment, diagnosis, prescribed therapies and management of women's health status over time with an emphasis on collaboration with and referral to healthcare team members.

Prerequisite: NRSG 877 or permission of instructor.

Corequisite: NRSG 879

Cross List: NRSG 678B

Typically Offered: FALL

NRSG 884 ADVANCED PRACTICE WOMEN'S HEALTH CARE CLINICAL 1-5 Credit Hours

Synthesis and application of advanced theoretical knowledge, with development of assessment, diagnostic, clinical reasoning and management of women's acute and chronic health care. Focus includes women with gynecology, obstetrics, primary care and pharmacology as per NCC standards and guidelines. Clinical hours can include clinical preceptorships, Objective Simulated Clinical Evaluations, and supplemental clinical hours with specialty services. 1-5 clinical credits

Prerequisite: May be taken on its own in summer if NRSG 681 has been completed previously.

Corequisite: NRSG 881, NRSG 882 or NRSG 883

Cross List: NRSG 684

Typically Offered: FALL/SP/SU

NRSG 884B ADVANCED CHILDREN'S HEALTH PRACTICUM 1-6 Credit Hours

Synthesis of advanced theoretical knowledge as a basis for advanced nursing practice with children, including neonates, within the context of their families. 1-6 clinical credits

Prerequisite: NRSG 873, NRSG 878

Cross List: NRSG 684B

Typically Offered: FALL/SPR

NRSG 885B SPECIAL TOPICS IN WOMEN'S AND PEDIATRIC NURSING 1-3 Credit Hours

Independent study course in which readings focus on selected concepts or clinical problems that underlie advanced practice in women's and children's health. 1-3 didactic credits.

Prerequisite: Permission of instructor.

Cross List: NRSG 685B

Typically Offered: FALL/SP/SU

NRSNG 887 ADVANCED HEALTH ASSESSMENT FOR THE CLINICAL NURSE LEADER 2 Credit Hours

The purpose of this course is to increase knowledge and expertise for the acquisition of advanced clinical skills in assessing and maintaining the health of individuals across the life span. Independent modules, clinical lab and simulation will provide opportunities for students to develop advanced practice skills in history taking, physical examinations, and clinical reasoning. (1.5 didactic, 0.5 lab)

Prerequisite: Undergraduate health assessment course or permission of instructor

Cross List: NRSNG 687

Typically Offered: SUMMER

NRSNG 888B SPECIAL TOPICS (CLINICAL) IN ACUTE CARE NURSING 1-6 Credit Hours

Provides opportunities for acute care nurse practitioner students to obtain advanced clinical practice to augment basic skills or to explore a specific clinical area in depth. All clinical experiences are under the supervision of masters clinicians. 1-6 clinical credits.

Prerequisite: Permission of instructor.

Cross List: NRSNG 688B

Typically Offered: FALL/SP/SU

NRSNG 889B SPECIAL TOPICS (CLINICAL) IN PRIMARY HEALTH CARE NURSING 1-6 Credit Hours

Provides opportunities for primary care nurse practitioner students to obtain advanced clinical practice to augment basic skills or to explore a specific clinical area in depth. All clinical experiences are under supervision of master clinicians. 1-6 clinical credits.

Cross List: NRSNG 689B

Typically Offered: FALL/SP/SU

NRSNG 890 DESIGNING AND EVALUATING LEARNER-CENTERED CURRICULA 3 Credit Hours

An analysis and understanding of pedagogical philosophies and assumptions associated with adult learning and nursing education from the basis for curricular and course development, implementation and evaluation. Attention will be given to the impact of current and future external and internal forces on the development of curriculum, course content, and teaching/learning strategies. Students will explore best practices and research based strategies to create an active learning environment and support various learning styles that enhance student retention and learning success for a diverse multicultural student population. 3 didactic credits.

Prerequisite: Admission to the Professional Nursing Graduate Nursing Program or permission of the instructor.

Cross List: NRSNG 690

Typically Offered: SPRING

NRSNG 891 TEACHING AND LEARNING STRATEGIES FOR THE CLASSROOM 3 Credit Hours

Effective classroom teaching and learning strategies foster sound clinical judgment, safe clinical practice and professional role development. In this course, students will develop theoretically based teaching and learning strategies focused on individual learner needs with the context of the classroom environment. Special attention will be given to the interplay between different learning environments, learner needs and learner evaluation. Through reflective strategies, students will examine nursing behaviors that promote professional role development. 3 didactic credits.

Cross List: NRSNG 691

Typically Offered: FALL

NRSNG 892 TEACHING AND LEARNING STRATEGIES IN CLINICAL AND SIMULATION 3 Credit Hours

Effective clinical teaching/learning strategies foster sound clinical judgment, safe clinical practice and professional role development. In this course, students will develop theoretically based teaching/learning strategies focused on individual learner needs with the context of the clinical and simulation learning environment. Special attention will be given to the interplay between different learning environments, learner needs and learner evaluation. Through reflective strategies, students will examine nursing behaviors that promote professional role development. 3 didactic credits.

Cross List: NRSNG 692

Typically Offered: FALL

NRSNG 893 USING TECHNOLOGY TO ENHANCE TEACHING AND LEARNING STRATEGIES 3 Credit Hours

Technology offers numerous opportunities to enhance diverse teaching/learning strategies. Using theories of education, students will discuss and evaluate how the use of technology influences teaching, learning, and evaluation strategies. Students will explore a variety of technologies and their applicability to learning goals, active learning strategies, and different learning environments such as clinical sites and learning resource centers. Students will evaluate how teacher and learner roles are influenced with the use of technology. 3 didactic credits.

Prerequisite: NRSNG 891, NRSNG 892 or permission of instructor.

Cross List: NRSNG 693.

Typically Offered: SUMMER

NRSNG 894 IMPLEMENTATION OF THE EDUCATOR ROLE: PRACTICUM 3 Credit Hours

Various components of the educator role are implemented under the guidance of a preceptor in an educational setting. Opportunities are provided to utilize teaching and learning strategies, educational research findings, and evaluation methods with diverse students. Professional issues such as continuous quality improvement, health care quality and safety, scholarship of teaching, and multicultural workforce needs will be incorporated into accompanying modules. 3 clinical credits.

Prerequisite: NRSNG 891, NRSNG 892, NRSNG 893 or permission of instructor.

Cross List: NRSNG 694.

Typically Offered: FALL/SP/SU

NRSNG 898 CLINICAL IMMERSION I: ADVANCED DIRECT PATIENT CARE 3 Credit Hours

As an integrative experience in a direct patient care arena, this course will allow the student to choose an area of clinical focus in a chosen health care environment to support care coordination. This experience will be mentored by a clinical expert within a microsystem who guides the student in care coordination while identifying health care issues, engaging with interprofessionals and patients, and integrating new skills and knowledge into practice. Emphasis is placed on developing leadership skills, analyzing systems to promote transitions, and managing units, departments, or programs strategically. (3 clinical)

Prerequisite: Admission to the PhD program or permission of instructor

Cross List: NRSNG 698

Typically Offered: FALL

NRSNG 899 SPECIAL TOPICS FOR THE ADVANCED-LEVEL NURSE 1-3 Credit Hours

This course is designed for the advanced-level nursing student to explore selected topics or clinical problems in nursing. 1-3 didactic credits

Cross List: NRSNG 699

Typically Offered: FALL/SP/SU

NRSG 901B IMPLEMENTING EVIDENCED-BASED PRACTICE 3 Credit Hours

This course builds on an understanding of the scholarship of nursing and the concepts of evidence-based practice. It will prepare students to critically evaluate theories, concepts, and methods relevant to the review, analysis, synthesis, and application of scientific evidence to nursing and interprofessional healthcare practice. The ethical, economic, cultural, and political implications of innovations in evidence-based practice will be explored. 3 credits, seminar

Prerequisite: BIOS 806 or equivalent

Corequisite: BIOS 806 or equivalent or permission of instructor.

Cross List: NRSG 701B

Typically Offered: FALL

NRSG 905 RESEARCH IMMERSION IN NURSING 3 Credit Hours

During the research immersion, students in the nursing PhD program will have the opportunity to work closely with College of Nursing scientists with active programs of research and engage in cutting-edge research projects. These projects may or may not be congruent with the students' selected area of inquiry. This course will enhance students' nursing research skills, expand their knowledge base and foster critical thinking and independent inquiry. Distinctions applicable to nursing science will be emphasized.

Prerequisite: Admission to Nursing PhD program and permission of the PhD program director

Typically Offered: FALL/SP/SU

NRSG 909 HEALTH CARE POLICY AND GLOBAL ISSUES 3 Credit Hours

This course introduces students to health policy and global health, examining the role of governments in healthcare systems. Issues such as quality access, health care cost, diversity, equity and inclusion, climate change, and issues relative to global health will be discussed. The role of research in shaping health policy will be addressed. Students will critically appraise a policy relevant to an area of research or practice and plan implementation strategies for policy change at the appropriate level of government. Students will develop verbal and written communication skills for effective advocacy and translation of research and policy implications to lay and professional audiences. 3 credits seminar

Prerequisite: Admission to PhD program or permission of instructor

Cross List: NRSG 709

Typically Offered: SPRING

NRSG 910 HEALTH-RELATED INSTRUMENT CONSTRUCTION & EVALUATION 3 Credit Hours

This course provides a knowledge base and experience in the inductive and deductive process for constructing and evaluating instruments to measure psychosocial, behavioral, biophysiological and clinical phenomena.

Prerequisite: BIOS 806 or BIOS 808 or two courses that meet statistics requirements of the doctoral program or permission of instructor.

Cross List: CTR 910.

Typically Offered: SUMMER

NRSG 914 MANAGEMENT OF CHRONIC ILLNESSES 3 Credit Hours

Chronic Illness is the major health problem today, and requires interdisciplinary teams to prevent and manage such illnesses. The course will focus on chronic disease theories and models and research strategies in order to be prepared for a program of studies that addresses the management of chronic illnesses. Concepts such as adoption of healthy lifestyle behaviors, adherence to medical regimens, patient activation to adhere to therapeutic regimen, patient and family resilience; caregiving, risk, vulnerability and disability, symptom management, economic considerations, and planning for the future are examined. Creative and innovative ways to promote patients' self-management of chronic illnesses will be explored.

Prerequisite: Multivariate statistics or permission of instructor.

Typically Offered: FALL/SPR

NRSG 916 INDEPENDENT STUDY IN NURSING SCIENCE 1-6 Credit Hours

Prerequisite: Admission to Ph.D. program or permission of instructor.

NRSG 917 STATE OF THE SCIENCE 3 Credit Hours

This is a two semester sequence of courses. In semester 1, the content of the course will focus on a systematic search and synthesis of the literature pertaining to a major concept of students' dissertation research. The content of semester 2 will focus on the student preparing a draft of manuscript (intended for submission at a later date) that synthesizes the State of the Science knowledge regarding a specific topic. This course will include key components of scientific writing for publication.

Prerequisite: NRSG 930, NRSG 934 Co-req: NRSG 935.

Typically Offered: FALL/SPR

NRSG 918 STATE OF THE SCIENCE 4 Credit Hours

This course focuses on facilitating the student scholar's understanding and skill in conducting a rigorous systematic search, analysis, and synthesis of academic literature. Students will prepare a manuscript that provides a state of the science of their proposed dissertation research topic for submission at a later date. This course will include key components of scientific writing for publication.

Prerequisite: NRSG 930, NRSG 934, NRSG 935 or permission of instructor

Typically Offered: SUMMER

NRSG 923 RURAL HEALTH: PRACTICE, POLICY AND RESEARCH 3 Credit Hours

This course focuses on understanding the issues related to conducting research in rural and disparate populations. Specifically, this course will emphasize content related to challenges and disparities in rural health, health care access, health care policy, and strategies for conducting research in rural areas such as the use of technology, considerations of the environment and community needs. Legal, ethical, political and economic indications for research in rural areas will be discussed.

Prerequisite: Admission to PhD program or permission of instructor.

Typically Offered: SUMMER

NRSG 928 TRANSLATIONAL AND INTERDISCIPLINARY OUTCOMES RESEARCH 3 Credit Hours

This course focuses on outcomes: measurement, management, and evaluation of health care outcomes and translational research as a process that drives the clinical research engine. The Medical Outcomes Study conceptual framework (Structure of Care, Process of Care, and Outcomes) with an emphasis on the broad categories of outcome types: clinical end points, functional status, general well-being, satisfaction with care, and economic evaluations will be employed. Different translational approaches will be discussed T1-T4 (with an emphasis on T2-T4) along with common and unique research methods used. Legal, ethical, political and economic implications for practice and research will be discussed.

Prerequisite: Multivariate statistics or permission of the instructor.

NRSB 929 PHILOSOPHY OF SCIENCE AND THEORY DEVELOPMENT 4 Credit Hours

This course explores classic and contemporary philosophies of science impacting nursing and related health disciplines. Perspectives on scientific progress are analyzed and applied to student research interests. Students learn how to critically evaluate theoretical frameworks according to supporting literature, relationships between concepts, and gaps in knowledge. Students create their own beginning conceptual framework or adapt an established conceptual framework to support their research interests.

Prerequisite: PhD in nursing program or permission of instructor

Typically Offered: FALL

NRSB 930 SOCIALIZATION TO THE SCHOLARLY ROLE 2 Credit Hours

Doctoral graduates are poised to assume critical leadership roles in academia, the health care system, and/or other entities. Future roles of nurse educators, scholars, and scientists are explored. Strategies for promoting the student's own professional development and success as a doctoral student are examined. Students develop an understanding of scholarship including discovery, application, integration, and teaching. Students engage in processes to explore and develop their research focus and scholarly writing.

Prerequisite: Admission to the Ph.D. program or permission of instructor.

Typically Offered: FALL

NRSB 931 TRANSFORMATIONAL LEADERSHIP 3 Credit Hours

This doctoral course introduces the PhD and DNP students to the concepts and principles of transformational leadership within the healthcare context, and focuses on developing bold ideas, new behaviors, and new vulnerabilities with increasing interconnectedness and complexity in order to achieve new results. Leaders are challenged to implement and sustain organizational and information change to support the healing and caring that lead to lasting change. The three major constructs of transformational leadership include: Self transformation, Patient centered transformation, Health systems transformation.

Prerequisite: Admission to the Ph.D. program or permission of instructor.

Cross List: NRSB 731.

Typically Offered: SUMMER

NRSB 932 PHILOSOPHY OF NURSING SCIENCE 3 Credit Hours

This course explores nursing science in the context of classic and contemporary ideas in philosophy of science. Perspectives on scientific progress and the growth of nursing as a scientific discipline are analyzed and applied to the students' research interests. Integrative and translational frameworks for the future are analyzed.

Prerequisite: Admission to the Ph.D. program or permission of instructor.

Typically Offered: FALL

NRSB 933 THEORY DEVELOPMENT IN HEALTH SCIENCES 3 Credit Hours

This course provides students with opportunities to critically review theory development in health sciences and examine how theories are adapted from other sciences. Students learn how to critically analyze and abstract selected theories related to their research focus. Students learn to synthesize the literature related to the selected theories to identify relationships between concepts and gaps in knowledge. The course culminates in students creating a beginning conceptual framework OR adaptation of an established conceptual framework.

Prerequisite: Admission to the Ph.D. program; NRSB 930; NRSB 932 or permission of instructor.

Typically Offered: SUMMER

NRSB 934 QUALITATIVE RESEARCH METHODS 3 Credit Hours

This course introduces students to philosophic foundations of qualitative research and principals of research designs and methods. Students will critically appraise qualitative studies in their own area of research and apply course content by analyzing a small data set.

Prerequisite: Admission to the Ph.D. program or permission of instructor.

Typically Offered: SPRING

NRSB 935 QUANTITATIVE RESEARCH METHODS 3 Credit Hours

This course introduces students to quantitative complex experimental and non-experimental designs applicable to the investigation of nursing research questions. Consideration will be given to aims/hypothesis development, sampling, methods of data collection, reliability and validity of measurement, data analysis, and issues related to the participation of human subjects. Published research serves as a focus for critical discussion of various designs and methods. Experiences will focus on selected analytic skills (i.e., using SPSS, calculating sample size estimates), and quantitative research techniques. Students will develop a beginning of quantitative research proposal.

Prerequisite: Statistics coursework in analysis of variance and multiple regression or permission of instructor.

Typically Offered: FALL

NRSB 936 RESEARCH PRACTICUM 3 Credit Hours

This course extends the content and experience of the previous research courses. The student will work closely with a faculty member to use the student's science-based model to prepare and/or pilot one or more aspects of the methods for the proposed dissertation research. The practice experience includes the conduct of pilot research with the population and environment of interest.

Prerequisite: NRSB 930, 931, 932, 933, 934, 935; or permission of instructor.

Typically Offered: FALL/SP/SU

NRSB 937 PROPOSAL DEVELOPMENT IN HEALTH SCIENCES 3 Credit Hours

This course focuses on essential aspects of the development of a grant proposal, including analyzing appropriate funding sources, proposal writing and critiquing, and administering funded proposals.

Prerequisite: NRSB 930, 931, 932, 933, 934, 935; Co-req: NRSB 917 or permission of the instructor.

Typically Offered: SPRING

NRSB 998 DOCTORAL SEMINAR 1 Credit Hour

Students actively participate in seminar discussion in the area of their dissertation research, including but not limited to application of research conceptualization and methods, synthesis of work from prior course.

Prerequisite: Doctoral students must enroll in this course each semester between completion of all core courses and successful dissertation defense.

Typically Offered: FALL/SPR

NRSB 999 DOCTORAL DISSERTATION 1-10 Credit Hours

Independent student research directly related to dissertation. This course may be utilized before or after successful completion of the comprehensive exam.

Prerequisite: Doctoral students must enroll in this course each semester between completion of all core courses and successful dissertation defense. A minimum 12 credits of this course required for graduation.

Typically Offered: FALL/SP/SU