

NURSING (NUR)

NUR 200. Process of Health Promotion. 3 Credit Hours.

Healthcare: A process of health promotion, maintenance, rehabilitation, and preventative medicine.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 202. Introductory Statistics in Health Care. 3 Credit Hours.

Application of descriptive and inferential statistics. Principles and methods of summarizing data including tables, graphs, percentile ranks, central tendency, variability, normal distribution. Basic concepts of probability, hypothesis testing, and analysis of variance. Examples and problems from nursing and health sciences.

Corequisite: MTH 101. Or Requisite: ALEKS > or = 55 or SAT Score > or = 630 or ACT > or = 28.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 205. Personal Nutrition. 3 Credit Hours.

Principles of nutrition integrated with cultural dietary patterns across the lifespan. Not for nursing majors or minors.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 300. Seminar in Inter-Professional Health Care. 1 Credit Hour.

This course will introduce the core competencies of inter professional collaborative practice using guidelines from the Institute of Medicine, Quality and Safety Education for Nurses and the Inter professional Education Consortium. Concepts of team based care will be discussed. The course will offer online activities as well as face-to-face team based activities with other healthcare professionals.

Requisite: Nursing Major and Sophomore Standing or Higher.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Summer.

NUR 301. Human Sexuality and Vulnerable Populations. 3 Credit Hours.

The study of human sexuality via multidisciplinary theoretical perspectives and research. Students will examine the complex relationships of the physiological, psychological, cultural, gender, religious, historical, and political aspects of human sexuality. Human sexuality in the context of health disparities will form the foundation for the course. WRITING COURSE

Prerequisite: BPH 206 or Requisite: Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 303. HIV/AIDS and Health Maintenance for Health Care Providers. 3 Credit Hours.

Definition, diagnosis, management, and care of diverse patient populations with HIV infection and AIDS. Course is presented and discussed from an interdisciplinary health care perspective.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 304. Adult Health I: Fundamentals of Nursing Practice. 6 Credit Hours.

This clinical course emphasizes the supervised application of health assessment skills, nursing process, and clinical nursing techniques in the clinical laboratory, community, and acute care settings.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 305. Issues in Health Disparities. 3 Credit Hours.

This course will be an introduction to the general research on health systems and health disparities. Emphasis will be placed on social, biological, economic and social policy issues that impact on the health of minority populations. Concepts associated with epidemiology, poverty, racism, public policy and international politics will be explored. WRITING COURSE

Prerequisite: BPH 206 or Requisite: Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 306. Principles of Nutrition. 3 Credit Hours.

Principles of nutrition integrated with cultural dietary patterns for client adaptation across the lifespan.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 307. Pharmacology. 3 Credit Hours.

Introduction to the basic principles of therapeutic pharmacology. Special consideration of cultural beliefs and folk medicine included.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 308. Adult Health II. 7 Credit Hours.

This course focuses on the nursing management of the client throughout the adult life cycle who experiences alterations and/or adaptations in physiologic defense mechanisms. Teaching strategies to be utilized include lecture, discussion, critical thinking exercises.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 310. Global Health. 3 Credit Hours.

Introduction to the concepts of global health and the critical links between public health and social and economic development. Determinants of health and patterns of disease and health outcomes across the globe are critically examined. The course reviews the determinants of health status in terms of biology, demography, epidemiology, culture, sociology, economics, and politics. Key concerns regarding reproductive health, child survival, nutrition, communicable diseases, and chronic diseases are examined. health care delivery in developed vs. undeveloped regions of the world are emphasized.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 311. Theories and Concepts of Nursing. 2 Credit Hours.

An introductory nursing course explaining the philosophy of baccalaureate nursing using the major concepts of person, environment, health, and nursing with a multicultural focus.

Requisite: Nursing Major and Sophomore Standing or Higher.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 314. Health Assessment and Promotion. 3 Credit Hours.

Introduction to health assessment using a lifespan approach. Emphasis is on the development of data collection and basic decision-making using health assessment findings.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 315. Pathophysiology. 3 Credit Hours.

The study of the physiologic and biologic manifestations of disease and disease processes. Emphasis is placed on physiology of altered health within the context of disruptions of structure and function of the human body as a whole.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 317. Theories in Growth and Development. 3 Credit Hours.

Application of growth and development theories through the lifespan with a case study approach to issues commonly encountered nursing practice in a variety of clinical settings.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 318. Women's Health Nursing. 4 Credit Hours.

This course focuses on the use of the nursing process in the care of women and the care of mothers and newborns with an emphasis on health promotion, illness prevention and nursing clinical management of chronic and acute conditions.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 320. Child and Adolescent Health Nursing. 4 Credit Hours.

This course focuses in the use of the nursing process to develop and implement nursing management strategies for children and their families experiencing acute, chronic, and critical multi-system health alterations within a multicultural content. Use of the nursing process to expand and develop appropriate clinical interventions and a member of the health care team. Students will build on foundation skills in critical thinking, collaboration, and leadership in the provision of nursing care.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 350. Pathophysiology/Pharmacology for RN-to-BSN. 4 Credit Hours.

This course presents the study of the physiological and biologic manifestations of disease and disease processes, and introduces the basic principles of therapeutic pharmacology. Emphasis is placed on the physiology of altered health within the context of disruptions of structure and function of the human body as a whole. Special consideration of cultural beliefs and folk medicine is included.

Requisite: Must be in the RN to BSN program.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 390. Advanced Placement Practice I for RN-to-BSN Students. 10 Credit Hours.

Nursing Management of the client throughout adulthood who experiences alterations and/or adaptations/maladaptions in physiologic defense mechanisms; complex alteration and/or adaptations in organ system function. The client in this course is identified as the individual, family or significant others. Course content emphasizes concepts of infection, the surgical client, immunity and altered cell growth, utilizing the nursing theories and the nursing process. Assists adult clients to adjust to multisystem alterations/adaptations/maladaptions in the endocrine, cardiovascular, respiratory, immunological and hemopoietic, nervous, musculoskeletal, digestive, and renal urinary systems. Specific models are utilized to enhance the teaching of critical thinking. Research findings are utilized to support nursing interventions.

Requisite: Must be in the RN to BSN program.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 400. Theories, Research and Evidence-Based Practice. 3 Credit Hours.

Course emphasis is placed on developing an understanding of the research process and application of research findings in community-based practice in multicultural settings. Course focuses on the relationship between theory, research, practice, and the development of competencies to become an informed consumer of research. Writing Credit.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 401. Evidence-Based Nursing Practice. 3 Credit Hours.

This course examines evidence-based practice in nursing. Focuses on the research process; location, critical appraisal, and evaluation of evidence; application and evaluation of evidence-based practice changes; and quality improvement.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Summer.

NUR 402. Global Health Disparities Research. 3 Credit Hours.

This is a 4 week intensive educational experience that prepares students to be successful conducting supervised health disparities research as part of the MHIRT program at a foreign institution, disseminating findings, and applying to graduate school. The training program is broken into a preparation phase (3 weeks prior to leaving to their host country), and a dissemination phase (1 week after they return). Students will be working as a research assistant at a foreign site for eight weeks in between the preparation and dissemination phases of this training program. Students will learn about the influence of culture and healthcare policy on health and health disparities, research design, statistics, communicating research findings and careers in health disparities research.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 403. Advanced Placement Practice II for RN-to-BSN Students. 10 Credit Hours.

This course focuses on the nursing process in the care of pediatric clients and families, the obstetrical client, and women's health. Emphasis is on the use of the nursing process to assist clients to adapt to health alterations requiring care in secondary health care settings. This course covers care of the pediatric client and the childbearing client and women's health.

Requisite: Must be in the RN to BSN program.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 405. Professionalism and Career Pathways. 3 Credit Hours.

This nursing course focuses on the assessment and development of a career pathway for registered nurses seeking a Bachelor's in the Science of Nursing professional nursing practice. There will be a focus on concepts of professionalism, roles in nursing, advanced practice, diversity, culture and a critical analysis of legal, ethical and political dimensions of nursing practice.

Requisite: Must be a Nursing Clinical Major.

Components: DIL.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 406. Current Issues in Healthcare. 3 Credit Hours.

The focus of this course is to explore and understand current and emerging healthcare issues as well as discuss how nurses as members of interprofessional healthcare teams contribute to positive patient outcomes. Students will integrate their professional nursing practice experiences to enrich discussions of current and emerging healthcare issues.

Prerequisite: NUR 311. And NUR 314. And NUR 350. And NUR 400.

Components: DIL.

Grading: GRD.

Typically Offered: Fall.

NUR 408. Genetics and Healthcare. 3 Credit Hours.

Exploration of basic knowledge in genomics, understanding of social, cultural and psychological implications of genetic services, health prevention and promotion.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 411. Adult Health III. 5 Credit Hours.

This course focuses on the adult experiencing complex multisystem alteration/adaptations in organ and system function. Emphasis is on the use of the nursing process to assist adult clients to adapt to system related insults.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 412. Epidemiology for Population-Based Care. 2 Credit Hours.

During this course students will examine the principles of epidemiology including, the historical evolution of epidemiology, the natural history of disease, epidemiologic models, and epidemiologic research. Health and disease is conceptualized as a complex interaction between individual relationships, community and socio-economic-political level factors with unique considerations for target populations across the lifespan. The process of disease surveillance is discussed including trends in communicable and non-communicable disease as well as the measures of morbidity (e.g., incidence and prevalence) and mortality. Factors, or determinants of health, that contribute to distribution of disease in populations are discussed. The effect of health care policy and health economics on disease distribution is considered. How the interaction of the determinants of health, health care policy, and health economics contribute to health disparities is also examined. Disease surveillance and health promotion are examined from a global perspective. The impact of the environment on health is also discussed. Finally, introductory disaster management concepts are reviewed as they relate to the care of populations affected by disasters.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Summer.

NUR 415. Perianesthesia Nursing. 3 Credit Hours.

The focus of this course is on the use of the nursing process to develop and implement nursing management strategies for patients and families undergoing a surgical and/or special procedure. Emphasis is placed on the use of a multicultural nursing perspective to plan and implement nursing interventions. This course highlights Perianesthesia nursing care of surgical patients.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 417. Pre-Immersion Course for Accelerated Option Students. 0 Credit Hours.

This course is designed to facilitate personal and professional success; this course introduces students to the purposes and processes of nursing. An emphasis is placed on study, communication, and critical thinking skills that support academic achievement. Students also examine the relationship between learning and motivation.

Requisite: Must be a Nursing Clinical Major.

Components: DIL.

Grading: NON.

Typically Offered: Spring & Summer.

NUR 418. Pre-Immersion for Traditional Option Students. 0 Credit Hours.

This course is designed to facilitate personal and professional success; this course introduces students to the purposes and processes of nursing. An emphasis is placed on study, communication, and critical thinking skills that support academic achievement. Students also examine the relationship between learning and motivation.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: NON.

Typically Offered: Fall.

NUR 426. Leadership and Management in Nursing. 5 Credit Hours.

Analysis and synthesis of the application of professional concepts in a variety of multicultural health care delivery systems. Emphasis is placed on personal, professional, and organizational growth. Individualized and integrated clinical experiences are provided through direct clinical supervision by preceptors.

Requisite: Must be in the RN to BSN program.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 430. Leadership in Nursing. 3 Credit Hours.

Theoretical and applied concepts of transition to the nursing role within the healthcare setting are explored in this course. The focus is on practice issues and responsibilities in contemporary professional nursing practice. Emphasis is placed on the transition to practice and nursing care systems with increasing responsibility through discussion of practice theory and styles, empowering, mentoring, managing change and striving for excellence. Seminar discussion topics will focus on the issues of successful transition to the practice environment as new nurse.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 440. Population Focused Nursing. 4 Credit Hours.

The focus is on population-focused nursing and community-oriented approaches to understanding and addressing major public health concerns across the life span. Emphasis is on assessing, planning, implementing and evaluating programs for a variety of communities both domestically and internationally. Health and disease is conceptualized as a complex interaction between individual, relationship, community and socio-economic-political level factors. Epidemiology, sociology, behavioral sciences and nursing theory and practice are integrated throughout. Special attention is given to addressing the unique needs of vulnerable populations and cultural groups, the elimination of health disparities, and social justice.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 441. Public Health Nursing. 2 Credit Hours.

The focus of this course is on public health nursing and community-oriented approaches to addressing major public health concerns across the life span. Emphasis is on assessing, planning, implementing and evaluating programs for a variety of communities both domestically and internationally. The provision of knowledge related to epidemiology, sociology, behavioral sciences and nursing theory and practice is required throughout this process. Special attention is given to addressing the unique needs of vulnerable populations and cultural groups, the elimination of health disparities, and social justice considering the population aggregate's determinants of health. Finally, the varying roles of the public health nurse are examined, including that of the public health nurse in disaster response.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 448. Psychiatric Mental Health Nursing. 4 Credit Hours.

The focus is on psychotherapeutic processes across the life span. Emphasis is on planning nursing care for individuals, families, and communities with a variety of psychiatric and mental health problems in various settings (inpatient, outpatient, community). Professional and therapeutic communication skills and techniques are important components of this course.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 453. Role Transition. 5 Credit Hours.

Theoretical and applied concepts of transition to the nursing role within the healthcare setting are integrated in this course. The course is a synthesis of previously learned knowledge, incorporating the components of physiological, psychological, and developmental concerns in the care of the client. Seminar discussion topics have a focus on the issues of successful transition to the practice environment as a nurse generalist, with the ability to exercise clinical reasoning and evidence-based practice.

Requisite: Must be a Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 461. Health Disparities Research Practicum. 1-4 Credit Hours.

This course is designed to provide opportunities for students across all levels of higher education to participate in health disparities research. Students will be mentored by a health disparities researcher with an active research project. Objectives will be established by the research mentor and the student according to educational level, interests and opportunities. Students will be incorporated into the research team and expected to attend project meetings. They will also be expected to participate in scholarly work that could contribute to the success of the project. Examples of scholarly work include co-authoring research papers and presentations, developing recruitment materials, assisting in compiling/developing data collection measures, or any other product deemed appropriate by the mentor.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 485. Global Health: Transcultural Nursing. 3 Credit Hours.

This course will use a hybrid model that includes an immersive experience in an international setting followed by online activities and face to face meetings. The University of Miami, School of Nursing and Health Studies will provide transcultural nursing experiences under different international healthcare systems. NUR 487 is designed to offer students the opportunity to develop an understanding of healthcare systems and care delivery models outside of the U.S. Academic and supervised clinical interactions will allow students to have a cultural clinical nursing experience. This course will allow students to apply and synthesize basic science knowledge and skills that foster ethical, legal and culture specific health care.

Components: DIL.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 487. International Health: Transcultural Nursing. 3 Credit Hours.

Collaborative clinical venture between the University of Miami, School of Nursing and an International School of Nursing. Students will exchange supervised western clinical experiences, knowledge and skills for the care of clients and families in specialty areas including Medical-Surgical, Surgery, Intensive Care and/or Emergency nursing units. This course will allow students to apply and synthesize basic science knowledge and skills that foster ethical, legal and culture specific health care.

Requisite: School of Nursing Health Studies.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 499. Selected Topics. 0-6 Credit Hours.

Special topics in nursing. Course titles and descriptions change semester-by-semester based on course content. This designation is used as needed. Credits can range from 0-6 credits.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 536. U.S. Health Care Crisis: Politics and Policies. 3 Credit Hours.

This course will explore key health policy issues within the U.S., along with the politics and interest groups which shape them. Fundamental concerns within the health care system such as: cost, quality and access to care will be analyzed. Major topics of discussion will include: Medicare, Medicaid, private insurance, the nursing shortage, and prescription drugs. The politics and policies surrounding issues such as bioethics, globalization, and infectious disease will also be considered.

Requisite: Junior Status and no IP Credit.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 601. Advanced Pharmacology. 3 Credit Hours.

Advanced practice nursing application of pharmacological and pharmacokinetics for the purpose of selecting appropriate drug therapies for diverse populations.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 602. Doctoral Level Orientation/Nur. 0 Credit Hours.

This course provides entering doctoral students with an evaluation of their writing ability and a review of formal writing skills. Other topics pertinent to success for nursing coursework at the doctoral level are addressed.

Components: LEC.

Grading: NON.

Typically Offered: Summer.

NUR 603. Healthcare Databases: Design, Development and Clinical Application. 3 Credit Hours.

This course focuses database systems, development, design, and implementation within the context of health care. Special emphasis is placed on the role of database applications for continuous quality improvement and regulatory compliance. Students will design a relational database applicable to informatics leadership responsibilities.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 604. System Life Cycle/Project Management. 3 Credit Hours.

This course covers the identification and development of information technology plans for projects supporting the health care organization's business objectives and all activities required in the initiating, planning, executing, controlling, and closing phases of the project's lifecycle. This course is intended to provide the body of knowledge and best practices necessary for a new Consultant, Business Analyst or Project Manager to successfully perform his/her responsibilities on an IT enterprise project.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 606. Advanced Practice Preparation. 0 Credit Hours.

This preparatory experience provides students an opportunity to review concepts of pharmacology; physiology; and health assessment prior to beginning the Master of Science in Nursing program. Activities related to academic strategies and writing are also included, to assist in improving study and writing skills.

Components: LEC.

Grading: NON.

Typically Offered: Fall & Spring.

NUR 608. Concepts in Advanced Practice Nursing. 3 Credit Hours.

Major concepts necessary for advanced practice nursing. Included are: major scientific theories, health and health promotion, health policy, ethical issues, epidemiology, technology in health care, and advanced practice role competencies. Specific emphasis is placed on understanding culture and cultural diversity in health care.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 609. Professionalism in Advanced Practice Nursing. 2 Credit Hours.

Focuses on the synthesis of concepts and principles necessary to develop leaders in advanced practice nursing specialties. Emphasis is placed on the role of the advanced practice nurse for optimal delivery of health care to clients across the life span.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 610. Adult Gerontology Acute Care I. 4 Credit Hours.

Analysis of selected theories and conceptual models of nursing and their implementation in practice and research. Approaches to development of a scientific body of knowledge for nursing practice is included. (2) Prerequisite: Graduate status.

Prerequisite: NUR 601 and 612 and 613.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 611. Foundations of Anesthesia Science and Technology for Nurse Anesthetists. 5 Credit Hours.

Introduction to the application of basic sciences to nurse anesthesia. This course includes the application of principles of physics, molecular biology, biochemistry and medicinal chemistry.

Prerequisite: Anesthesia Track and NUR 601 and 612 and 613.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 612. Physiology/Pathophysiology for Advanced Practice Nursing. 3 Credit Hours.

Analysis of physiologic and pathophysiologic mechanisms of health and illness.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 613. Advanced Health Assessment and Diagnostic Reasoning. 3 Credit Hours.

Emphasis on culturally sensitive comprehensive health assessment and diagnostic reasoning related to advanced nursing practice. Special emphasis is placed on advanced health assessment; including age appropriate health screenings; prenatal, pediatric, and geriatric assessment; and interpretation of basic laboratory tests and diagnostic studies utilized in advanced nursing practice. Specialty specific seminars address issues for individual tracks within advanced practice nursing.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 614. Basic Concepts in Anesthesia Nursing. 5 Credit Hours.

This course is an overview of fundamental knowledge and skills for entry into advanced practice anesthesia nursing. Concepts include essential techniques, monitoring and equipment, and pharmacologic interventions for common problems and conditions requiring routine surgical procedures in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.

Prerequisite: NUR 601 and NUR 611 and NUR 612 and NUR 613 and Co-requisite: NUR 617.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 615. Professional Aspects of Anesthesia Nursing. 2 Credit Hours.

This course focuses on the development and current trends in nurse anesthesia practice, education, and research. Concepts include the historical, legal, legislative, and professional role issues associated with advanced practice anesthesia nursing. Professional responsibilities, ethical issues, diversity, cultural competency, quality assurance, continuing education, and professional involvement are emphasized.

Prerequisite: NUR 646 and Co-requisite: NUR 650.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 617. Pharmacology for Anesthesia Nursing. 3 Credit Hours.

Focuses on pharmacological principles and associated application to clinical practice in nurse anesthesia. Integration of pharmacological concepts and interventions in safe, culturally competent, and interdisciplinary anesthesia practice are emphasized.

Prerequisite: NUR 601 and NUR 611 and NUR 612 and NUR 613 and Corequisite: NUR 614.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 618. Advanced Diagnostic Reasoning for Nurse Anesthesia Practice. 3 Credit Hours.

This advanced diagnostic reasoning course places special emphasis on diagnostic studies utilized in the perioperative setting and peri-anesthesia practice. Content will be structured to offer a standardized way to learn and deliberately practice diagnostic evaluation and reasoning. Specialty-specific content and topics address issues for the nurse anesthesia track within advanced practice nursing.

Pre-requisites: NUR 601 and NUR 611 and NUR 612 and NUR 613.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 619. Advanced Concepts of Anesthesia Nursing I. 7 Credit Hours.

This course will provide an in-depth knowledge and skills of anesthesia nursing care for a variety of common problems and conditions across anesthesia specializations. Concepts include assessment, techniques, planning and pharmacologic interventions for specialty surgical procedures in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.

Prerequisites: NUR 601 and NUR 611 and NUR 612 and NUR 613 and NUR 614 and NUR 617.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 620. Advanced Concepts of Anesthesia Nursing II. 11 Credit Hours.

This course will provide in-depth knowledge and skills of highly specialized problems and conditions requiring anesthesia or surgical interventions. Concepts include assessment, techniques, planning and pharmacologic interventions for regional anesthesia, pain management, care of obstetrical patients and patients with catastrophic conditions in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.

Prerequisites: NUR 601 and NUR 611 and NUR 612 and NUR 613 and NUR 614 and NUR 617 and NUR 619.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 621. Diagnostics and Nursing Interventions for Acute Care Nursing. 3 Credit Hours.

Selected diagnostic tests and intervention techniques essential to acute care nursing. Critical thinking and decision making related to interdisciplinary assessment of acute care patients. Cultural issues related to diagnostics and intervention.

Prerequisite: NUR 601 and 612 and 613.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 623. Pediatric Health in Primary Care Practice. 3 Credit Hours.

Theoretical and clinical bases for advanced practice nursing strategies in the management of infants, children, adolescents, and young adults. Emphasis is placed on health promotion, disease prevention, and advanced practice management of health alterations in the pediatric population.

Prerequisites: NUR 601 and NUR 612 and NUR 613 and NUR 628.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 624. Introduction to Pedagogy. 3 Credit Hours.

This course provides students a foundation in Pedagogy using examples from nursing education. Students will learn about educational theory, the cultural context of education, and the role of teaching in the academy. Educational strategies to be discussed include didactic, online, clinical, laboratory, and simulation. Best practices in assessment and evaluation will be emphasized.

Requisite: Must Be A Nursing PhD Student Or Permission of Instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 625. Adult Gerontology Acute Care II. 7 Credit Hours.

Theoretical and clinical focus for the nurse practitioner as an advanced practice nurse in the health care management of adult populations in rehabilitative settings and residential facilities including assisted living, long term, and home care. (2:6) Prerequisite or corequisite: NUR 601.

Prerequisite: NUR 613 and 617.

Prerequisite: NUR 601 and 610 and 612 and 613.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 627. Maternal Women's Health in Primary Care Practice. 3 Credit Hours.

This course provides a theoretical and clinical basis for advanced practice nursing strategies in the management of women of reproductive age. An overview of the prenatal period is provided. Emphasis is placed on health promotion, disease prevention, and advanced practice management of health alterations in women.

Prerequisites: NUR 601 and NUR 612 and NUR 613 and NUR 628.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 628. Adult Gerontology I. 5 Credit Hours.

Theoretical and clinical bases for health care management of health alterations in the adult population. Emphasis on strategies for health maintenance and prevention of health problems, management of alterations, discharge planning and rehabilitation of individuals and aggregate population.

Corequisite: NUR 601. And NUR 612. And NUR 613.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 630. Research Methods and Evidence-Based Practice. 3 Credit Hours.

Research process, research methods, and the analysis of data using quantitative and qualitative approaches. Focuses on understanding levels of evidence for implementing evidence-based practice and performance improvement in nursing practice and health care. Investigates research methods associated with health disparities, access to health care, and clinical outcomes.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Summer.

NUR 631. Adult Gerontology II. 4-7 Credit Hours.

Theoretical and clinical bases for health management of health alterations in the adult population. Emphasis on strategies for health maintenance and prevention of health problems, management of alterations, discharge planning and rehabilitation of individuals and aggregate population.

Prerequisites: NUR 601 and NUR 612 and NUR 613 and NUR 628.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 638. Adult Gerontology Acute Care III. 6 Credit Hours.

Theoretical, clinical, and research basis of advanced practice nursing in the care and management of adults in primary care setting. (2:15) Prerequisite: NUR 628.

Prerequisite: NUR 625.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 645. Interdisciplinary Anesthesia Nursing I. 9 Credit Hours.

Initial integration and synthesis course of advanced knowledge and skills for interdisciplinary anesthesia nursing care. Selected topics and clinical case studies include collaborative-decision-making, effective communication, planning and evaluation for patients with complex problems and conditions across the lifespan. With continual guidance, students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.

Prerequisites: NUR 601, NUR 611, NUR 612, NUR 613, NUR 614, NUR 617, NUR 619, NUR 620.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 646. Interdisciplinary Anesthesia Nursing II. 11 Credit Hours.

Second integration and synthesis course of advanced knowledge and skills for interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. With moderate guidance students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.

Prerequisite: NUR 601 and NUR 611 and NUR 612 and NUR 613 and NUR 614 and NUR 617 and NUR 619 and NUR 620 and NUR 645.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 647. Advanced Practice Nursing Integration. 6 Credit Hours.

Integration of the components of the Advanced Practice Nursing role to analyze advanced practice issues.

Prerequisite: NUR 623 and 631.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 650. Interdisciplinary Anesthesia Nursing III. 11 Credit Hours.

This course is the third and final integration and synthesis course of advanced knowledge and skills of interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. With minimal guidance students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.

Prerequisite: NUR 646.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 651. Qualitative Data Analysis. 3 Credit Hours.

The course is designed to help the student develop skills and understanding relating to the advanced analysis of qualitative data. The course assumes all students will either be in or nearing the analysis stages in their research. Focus is on preparation and management of text and media data for analyses; the creation and application of various types of coding to data; the distinctions in coding data evolving from different qualitative approaches; and analysis of longitudinal qualitative data. Permission required.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 652. Introduction to Clinical Inquiry I. 3 Credit Hours.

Combines clinical knowledge and hands-on clinical experience in an area of the student's potential research interest. Students will practice under the supervision of an advanced practice nurse in the specialty area. Students are expected to begin the process of identifying clinical research problems. Requisite: Admission to PhD in Nursing Program.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 653. Introduction to Clinical Inquiry II. 5 Credit Hours.

Combines clinical knowledge and hands-on clinical experience in an area of the student's potential research interest. Students will practice under the supervision of an advanced practice nurse in a specialty area. There will be a focus on health care delivery systems. Students are expected to translate clinical problems into researchable questions.

Prerequisite: NUR 674 Or NUR 669.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 654. The Evolution of Nursing Practice and Application of Theory in Nursing Practice. 3 Credit Hours.

This course is an overview of the conceptual foundations of nursing science and nursing practice. Knowledge from basic and applied sciences and ethics as well as the history of the global evolution of nursing practice are examined.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Spring & Summer.

NUR 655. Health Care Management, Economics, Financing, and Ethics. 3 Credit Hours.

This course is an overview of health care management, financing, ethics and core and advanced concepts of health care economics. This course will also examine issues associated with health care management, economics, and ethics.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 656. Global Health. 3 Credit Hours.

This course covers diverse topics that affect the health of the population and advanced practice nursing internationally. Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 657. Population Based Health and Health Care Disparities. 3 Credit Hours.

This course is an overview of knowledge from nursing, public health and other disciplines for population based assessment. Population based models and frameworks from nursing, public health, and other disciplines will be explored. The importance of cultural and ethical dimensions in program development is highlighted.

Prerequisites: NUR 654 and NUR 656 and NUR 663 and NUR 664.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 658. Health Policy Development and Implementation. 3 Credit Hours.

An exploration of health care organizations and healthcare policy, and how change is effected in both. Health care policy and planning to address health care disparities at the local, state, and federal levels will be explored. Organizational diagnosis, organizational change, and ethical dimension of public policy formulations and implementation will be highlighted.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 659. Technology in Health Care. 3 Credit Hours.

An exploration of the various aspects of the evolving technology to improve and transform health care and advanced practice nursing. This course prepares DNP nursing students to design, select and use technology to support, manage, and improve patient care and health care systems.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 660. Translational Science. 3 Credit Hours.

Emphasis is on translational science which includes organizational readiness and promoting change in a health care environment. Focus is on utilizing systematic analysis to identify, plan, execute and appraise best evidence on selected topics.

Prerequisites: NUR 654 and NUR 663 and NUR 664.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 662. Nursing Epistemology. 3 Credit Hours.

Focus on historical and philosophical perspectives in the development of knowledge and patterns of knowing with in-depth examination of the evolution of nursing science. Analysis of concepts relevant to nursing phenomena. Approaches to scientific development in nursing with emphasis on theory building and theory generation.

Requisite: Must Be A Nursing PhD Student Or Permission of Instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 663. Research. 3 Credit Hours.

This course is an analysis of evidence-based nursing practice. During the course, students acquire the knowledge base to resolve clinical practice problems and direct evidence-based practice.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Spring & Summer.

NUR 664. Applied Biostatistics for Nursing Practice. 3 Credit Hours.

This course is an overview of basic statistical concepts and computer applications related to healthcare, nursing, and biomedical research. An examination of both parametric and non-parametric statistics in program evaluation, testing and process outcomes, and/or basic research studies is included.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 665. Quantitative Methods for Nursing Research. 3 Credit Hours.

In-depth exploration of research methods and design for quantitative research in nursing. Emphasis on development of a research problem; quantitative research design from descriptive to randomized clinical trials; epidemiologic designs; threats to validity; sampling and power analysis; measurement including psychometric theory, data collection and management; and interpretation of data. Other topics include ethics, human subjects' protection, and translation of findings into practice.

Requisite: Must Be A Nursing PhD Student Or Permission of Instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 667. Research Practicum. 1 Credit Hour.

Student participates in an ongoing research project under the guidance of a faculty member. Conducts the practical aspects of research including: IRB application/continuing reports, data collection and management.

Prerequisite: NUR 665 and NUR 670.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 669. Symptom Science in Nursing. 3 Credit Hours.

This course will provide the student with knowledge of symptom science in nursing, including biological, behavioral, environmental, socio-cultural, and clinical factors that may influence the trajectory of chronic illness. The course will also focus on theories and research designs to define and measure symptom experiences in health and illness for individuals and families.

Prerequisite: NUR 662 and NUR 665 and NUR 670.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 670. Qualitative Methods for Nursing Research. 3 Credit Hours.

Exploration of inductive approaches to research and the use of qualitative methods including grounded theory, ethnography, focus group, and phenomenology. The techniques include unstructured and structured interviews. Discussion of techniques, analysis, and the ethical and political implications of special problems in qualitative research.

Requisite: Must Be A Nursing PhD Student Or Permission of Instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 672. DNP Scholarly Project Seminar I. 3 Credit Hours.

The DNP scholarly project is a required synthesizing initiative for students to apply theory, supported by evidence and expert knowledge of nursing practice, by completing a scholarly project of the student's or agency's choice. Students may design a practice change initiative under the direction of a faculty member and preceptor.

Prerequisite: NUR 676 and NUR 688.

Components: LEC.

Grading: GRD.

Typically Offered: Fall Even Years.

NUR 673. DNP Scholarly Project Seminar II. 3 Credit Hours.

This second DNP scholarly project course includes the implementation, evaluation, and dissemination of the scholarly project.

Prerequisite: NUR 672 DNP Scholarly Project Seminar I.

Components: LEC.

Grading: GRD.

Typically Offered: Spring Odd Years.

NUR 674. Applied Intermediate Statistics: Generalized Linear Models. 4 Credit Hours.

Overview of General Linear Models which combine many aspects of ANOVA and multiple regression models for continuous and categorical independent and dependent variables, multiple independent variables, and repeated measures of dependent variables. Computer applications using real data and statistical software packages (e.g., SPSS) will be utilized.

Requisite: Must Be A Nursing PhD Student Or Permission of Instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 676. Practice Immersion Experience I. 2-12 Credit Hours.

This course contains individually precepted learning experiences across the spectrum of advanced practice nursing in a variety of settings. Students develop expertise within the scope of their nursing practice.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 679. Applied Advanced Statistics: Structural Equation Modeling. 3 Credit Hours.

Overview of structural equation modeling (SEM) for continuous, categorical, and longitudinal data. Computer applications using real data and statistical software packages (e.g., Excel, SPSS, Mplus)

Prerequisite: NUR 674 And Requisite: Must be a Nursing PhD Student or Permission of Instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 680. Research Ethics. 2 Credit Hours.

This course addresses the ethical and responsible conduct of research and protection of human subjects with a particular emphasis on conducting ethical research with vulnerable populations. This course meets the UM requirement for advanced face-to-face education in Responsible Conduct of Research

Requisite: Admission to PhD program or permission of the instructor. Completion of the UM-required online Responsible Conduct of Research course is a pre or co-requisite of this course. Must Be A Nursing PhD Student Or Permission of Instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 681. Measurement in Health Disparities Research. 3 Credit Hours.

Application of measurement theory to develop, adapt and analyze psychometric properties of physiologic and psychosocial measures within health disparities research.

Requisite: Admission to the PhD in Nursing Science program or permission of the instructor, NUR 665 (or similar course for students outside of the PhD in Nursing Science program).

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 682. Advanced Practice Psychopharmacology. 2 Credit Hours.

Review of common psychoactive medications, classes, uses, effects, side effects, and prescriptive implications.

Components: DIL.

Grading: GRD.

Typically Offered: Spring.

NUR 683. Theoretical Bases for Advanced Practice Psychiatric Mental Health Nursing. 2 Credit Hours.

Review of theories and practice of individual, group and, family therapy; role of advanced practice mental health nursing, ethics, research, legislative practice.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 684. Advanced Practice Psychiatric Mental Health Nursing Therapeutic Interventions. 5 Credit Hours.

Assessment and treatment of persons with major psychiatric disorders.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 685. Advanced Practice Psychiatric Mental Health Nursing Preceptorship. 4 Credit Hours.

Clinical preceptorship with experience in individual, and group, therapy. Includes experiences in prescribing psychoactive medications.

Prerequisites: NUR 682 and NUR 684.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 686. Advanced Practice Psychiatric Mental Health Nursing Preceptorship II. 5 Credit Hours.

Clinical preceptorship with experience in individual, and family therapy. Includes experiences in prescribing psychoactive medications.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 688. Health Systems Development and Leadership Practice Immersion II. 2 Credit Hours.

This course contains individually precepted learning experiences across the spectrum of nursing in a variety of settings. Students develop expertise within the scope of their nursing practice.

Admission to DNP program or permission of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 689. New Method of Implementation-Practice Immersion Experience III. 2 Credit Hours.

This course contains individually precepted learning experiences across the spectrum of nursing in a variety of settings. Students develop expertise within the scope of their nursing practice.

Prerequisites: NUR 676, NUR 688.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 690. Independent Study. 1-6 Credit Hours.

A in depth study of a specified area in advanced nursing of special interest to the student, under faculty guidance.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

NUR 694. Clinical Practicum for DNP Nurse Anesthesia Clinical. 7 Credit Hours.

This course is the clinical integration and synthesis of advanced knowledge and skills of interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. Students assume responsibility for culturally competent and interdisciplinary anesthesia care with minimal assistance.

Prerequisite NUR 650.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 695. Clinical Practicum for DNP Nurse Anesthesia. 9 Credit Hours.

This course is the clinical integration and synthesis of advanced knowledge and skills of interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. Students assume responsibility for culturally competent and interdisciplinary anesthesia care with minimal assistance.

Prerequisite: NUR 694.

Components: PRA.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 696. Crafting the Dissertation Proposal Part I. 1 Credit Hour.

This course is designed to be conducted in alignment with a Pre-Candidacy Dissertation Credit (NUR 830) supervised by the student's dissertation chair. In concert with NUR 830, the course will help students: select a type of dissertation proposal (traditional/non-traditional); formalize ideas for their dissertation; learn how to pursue funding for their dissertation research; and write the first few chapters of the dissertation proposal.

Requisite: Must be Nursing PhD Student or Permission of Instructor. Prerequisite: NUR 670, NUR 665.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 697. Selected Topics. 0-12 Credit Hours.

Subject matter offerings based upon student demand and availability of faculty. Subtitles describing topics will be shown in class schedule in parentheses after selected topic notation.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 698. Selected Topics. 0-6 Credit Hours.

Subject matter offerings based upon student demand and availability Of faculty. Subtitles describing topics will be shown in class schedule in parentheses after selected topic notation.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

NUR 700. Post Master Clinical. 0-12 Credit Hours.

Post Master Clinical

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 701. Clinical Continuation. 0-6 Credit Hours.

Clinical Continuation

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

NUR 702. Adult Gerontology III. 7 Credit Hours.

Integration of the components of the Advanced Practice Nursing role to analyze adult gerontology advanced practice issues.

Prerequisite: NUR 631.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 707. Becoming a Successful Nurse Scientist. 1 Credit Hour.

This course builds skills for academic and career success as a nurse scientist. The course provides a forum for discussing current issues that have implications for research careers and professional development including participation and leadership in interdisciplinary teams.

Requisite: Admission to PhD in Nursing Program.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 708. Scholarship in Nursing. 1 Credit Hour.

In this course, students will individually with a faculty member to develop the study's scholarship. Faculty and students will identify student strengths and weaknesses and create a specific plan for improvement. The goal of this course is to produce a student first author manuscript for submission to a peer-reviewed scientific journal, and an abstract for submission to a scientific conference.

Prerequisite: NUR 674 and NUR 680 and NUR 669.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 709. Selected Topics for Nursing Science and Health Equity Research. 2 Credit Hours.

This course, involves a critical analysis of emerging issues in nursing research and health equity, including priority research areas of the National Institute of Nursing Research (NINR) and the focal research areas of the School of Nursing and Health Studies.

Prerequisite: Admission to the PhD in Nursing Science program or permission of the instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 710. Biopsychosocial Mechanisms of Health and Health Disparities. 3 Credit Hours.

This course will focus on biopsychosocial mechanisms of health and health disparities. The course will explore study frameworks and the operationalization of variables that allow for assessing bio, psycho, and social variables in relation to health and health disparities outcomes.

Prerequisite: NUR 662 and NUR 665 and NUR 670.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 711. Equitable Implementation Science. 3 Credit Hours.

This is an advanced course which will provide an in-depth exploration of the field of implementation science within a broader framework of equity. Key considerations this course will explore include: What implementation determinants drive healthcare inequities, and in what contexts? How can implementation strategies be tailored to address healthcare inequities and achieve healthcare equity? How can quantitative, qualitative, and mixed methods research advance equitable implementation science research? What are implementation and hybrid effectiveness-implementation trials and how can they contribute to the field of equitable implementation science? Students who successfully complete this course will acquire advanced knowledge in both implementation science in general and equitable implementation science in particular.

Prerequisite: NUR 662 and NUR 665 and NUR 670.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 712. Health Disparity and Health Equity Frameworks. 3 Credit Hours.

This course will: 1) introduce theoretical models that provide a framework for health disparity and healthy equity research; 2) examine how these models and frameworks are applied for the purposes of understanding social and other determinants of health, and intervening to address health disparities and equity; 3) familiarize students with the inter-relationships between theory and research in nursing research and how these should inform each other to advance health equity.

Prerequisite: Admission to the PhD in Nursing Science program or permission of the instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 713. Intervention Development and Clinical Trials. 3 Credit Hours.

The focus of this course is on (1) the basic principles and design of clinical trials, and (2) developing, adapting, and evaluating preventive interventions. Further, ethics in the execution of clinical trials and development of interventions, including considerations for equitable research with underserved populations will also be covered. The early classes in this course will focus on the clinical trials portion and later classes will emphasize intervention development.

Prerequisite: Admission to the PhD in Nursing Science program or permission of the instructor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 714. PATHOBIOLOGY OF NEOPLASIA IN ADVANCED ONCOLOGY NURSING PRACTICE. 6 Credit Hours.

Emphasizes concepts of normal cellular differentiation and abnormal cytologic changes in pathogenesis of neoplasia. Discusses the role of genetics, the immune system, and lifestyle choices in oncogenesis, and epidemiology, pathology, and treatment of cancer types. Applies theoretical and conceptual knowledge to individuals with cancer in the clinical setting.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

NUR 715. ONCOLOGY TREATMENT AND SYMPTOM MANAGEMENT. 6 Credit Hours.

This course provides specialized advanced practice oncology nursing content with a focus on advanced nursing management of physical, psychological, and social problems resulting from cancer and its treatment.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 716. CARING FOR INDIVIDUALS ACROSS THE CANCER CONTINUUM. 6 Credit Hours.

This course provides specialized oncology nursing content with a focus on prevention, early detection, active treatment, survivorship, and end of life issues.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

NUR 796. Crafting the Dissertation Part 2. 1 Credit Hour.

This course is designed to be conducted in alignment with a Pre-Candidacy Dissertation Credit (NUR 830) supervised by the student's dissertation chair. In concert with NUR 830, this course will help students: learn how to pursue funding for their dissertation research; and write the third (methods) chapter of their dissertation proposal.

Prerequisite: NUR 696 and Requisite: Must be a Nursing PHD Student.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

NUR 850. Research in Residence. 1-3 Credit Hours.

Used to establish research in residence for the Ph.D., after the student has been enrolled for the permissible cumulative total in appropriate doctoral research. Credit not granted. May be regarded as full-time residence as determined by the Dean of the Graduate School.

Components: THI.

Grading: SUS.

Typically Offered: Fall & Spring.

NUR 860. Pre-Candidacy Doctoral Dissertation. 1-12 Credit Hours.

Required of all Ph.D. students who have entered the program. The course will be given in 3, 1-credit semesters. Students will be assigned an advisor upon admission to the program. This is a guided experience led by the student's advisor and provided mentorship. The course will help students formulate a dissertation proposal, formalize ideas, and how to pursue funding for their dissertation research.

Requisite: Admission to PhD in Nursing Program.

Components: THI.

Grading: SUS.

Typically Offered: Fall, Spring, & Summer.

NUR 870. Post-Candidacy Doctoral Dissertation. 1-12 Credit Hours.

Required of all Ph.D. students who have advanced to candidacy. Students will be assigned an advisor upon admission to the program. This is a guided experience led by the student's advisor and provided mentorship. The student will enroll for credit as determined by their advisor. Not more than 12 credits may be taken in a regular semester, nor more than six credits in a summer session. May be regarded as full-time residence. Under the guidance of the advisor students will construct and present a fully completed dissertation study.

Requisite: Admission to PhD in Nursing Program.

Components: THI.

Grading: SUS.

Typically Offered: Fall, Spring, & Summer.