

# NURSING (NUR)

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## **NUR 150: Foundations of Caregiving (6 credits)**

Students will develop the knowledge, skills, and attributes essential to support and provide various healthcare direct and indirect caregiving roles. Students learn the basics of medical terminology, anatomy and physiology, disease processes, and safe and effective patient care. This course offers online laboratory and hands-on experience in a range of healthcare, and patient care skills, including an introduction to healthcare/nursing careers.

*Lab fee: \$200.00*

## **NUR 185: Anatomy & Physiology for Healthcare (4 credits)**

The student will apply and synthesize the knowledge, skills, and attitudes in the basic structure and function of the human body. The course will prepare the student for advanced pathophysiology.

## **NUR 186: Nutrition for Healthcare (2 credits)**

In this nutrition course you will apply the science of nutrition and learn how to integrate nutrition principles in your healthcare profession. The course will focus on how key nutrients (carbohydrates, lipids, proteins, vitamins, minerals, and water) affect health, disease, energy balance, and weight control. You will synthesize nutrient requirements during physical activity, and how nutrient needs change during pregnancy and lactation. Additionally, the student will apply about vitamin and mineral supplements.

## **NUR 283: Microbiology for Healthcare (4 credits)**

The course provides the student the conceptual application of non-pathogenic and pathogenic microorganisms and the mechanisms by which they cause disease in the human body. Advanced treatments for disease producing microorganisms will be discussed.

## **NUR 284: Concepts of Nursing (2 credits)**

The course will synthesize nursing concepts and theory required to function as a registered nurse and member of the interdisciplinary team. Focus on applying individualized care through careful integration of the nursing process, supports the concept of patient-centered care for persons, families, and groups of all ages throughout the health continuum. Application of evidence based practice in the delivery of nursing care.

## **NUR 287: Foundations of Nursing (6 credits)**

Students will synthesize the knowledge, skills, and attributes essential to apply the foundations of nursing care. Students will apply the fundamentals of direct and indirect care as well as medication management. Students synthesize the basics of medical terminology, documentations, and safe and effective patient care. This course offers online laboratory/practicum and hands-on experience in a range of healthcare, and patient care skills, including an introduction to healthcare and nursing careers.

## **NUR 288: Health Assessment (3 credits)**

Synthesis of normal findings and common deviations throughout the lifespan. Analyze knowledge, skills, and attitudes to conduct and document comprehensive and focused patient assessments that provide the information to provide quality patient centered care to diverse populations.

## **NUR 289: Pathophysiology for Healthcare (3 credits)**

The course integrates an advanced review of mechanisms of human disease processes, with application and integration to patient centered and diverse care of clients in various healthcare settings. Treatments and interventions for disease processes will also be analyzed.

## **NUR 290: Adult Health (3 credits)**

Integrate the care of the adult patient with diverse needs utilizing the nursing process to apply physical, psychological, cultural, and spiritual needs and plan holistic care to improve patient outcomes. Focuses on the expected outcomes and effects of nursing interventions with adults experiencing health conditions.

## **NUR 291: Adult Health Practicum (3 credits)**

The student will synthesize holistic nursing care of the adult patient in diverse clinical settings. The student will be guided to provide safe, evidence-based, professional, holistic nursing care related to the management of clients with medical and/or surgical needs. A comprehensive application to various community health and intraoperative settings are provided.

## **NUR 292: Care of the Family (3 credits)**

The student will synthesize concepts and theories related to the promotion of health and wellness during the childbearing and childrearing years. Nursing interventions used in health promotion, risk reduction, clinical decision-making and management of the woman, childbearing and childrearing family, including working with usual childhood issues and with children who require acute and chronic care. Concepts specific to diversity, equity, and inclusion will be discussed. Care of the LGBTQ client will be integrated.

## **NUR 293: Care of the Family Practicum (3 credits)**

Integration of clinical practicum experiences in diverse clinical settings, related to the promotion of health and wellness during childbearing and childrearing years. Application of patient centered care with persons of diverse backgrounds, nursing colleagues, and other members of the interdisciplinary team. Prioritizing and applying nursing care in hospital and community-based settings.

## **NUR 294: Behavioral Health & Complex Care (6 credits)**

The course will integrate concepts and theories related to nursing care of complex adult patients experiencing acutely changing conditions in settings where outcomes are less predictable. Complex, multi-system and behavioral health disease processes will be critically synthesized. Focusing on the care of the adult client with alteration of immunological, neurological, behavioral and endocrine systems, focusing on promotion, maintenance and restoration of psychological homeostasis within the environment through utilization of the nursing process emphasizing the interrelatedness of pathophysiology, pharmacology and nutrition as it occurs in specific conditions. End of Life Care and Age associated changes specific to the Geriatric Client will be addressed.

## **NUR 295: Behavioral Health & Complex Care Practicum (4 credits)**

Synthesis of patient centered care in the application of clinical practicum in the diverse clinical setting, of (complex) adult patients experiencing acutely changing conditions where outcomes are less predictable. Apply safe, evidence-based professional, holistic nursing care related to the management of clients with complex, multi-system, and behavioral health disease processes. End of Life Care and associated care of the geriatric client will be addressed.

**NUR 296: Pharmacology (2 credits)**

This course provides an introduction to nursing advanced level pharmacology that integrates the advanced concepts of physiology, pathophysiology, chemistry, and nursing fundamentals to build a foundation for administering drug therapy to patients. Using a simple to complex approach, key content areas are presented to help conceptualize the important components related to nursing pharmacology. The advanced concepts of pharmacology, such as drug testing and approval, pharmacokinetics and pharmacodynamics, therapeutic and toxic effects, dosage calculations, and challenges related to drug therapy, provide the foundation from which drug therapy associated with specific body systems can be addressed. Discussion of the major drug groups focuses on therapeutic actions and indications, pharmacokinetics, contraindications and cautions, adverse effects, clinically important drug-drug interactions and nursing considerations which emphasize the nursing process and focus on patient care and teaching. Prototypes of the major drug groups are emphasized. Lifespan considerations, evidence for best practice, patient safety, and critical thinking are integrated throughout the course and will be integrated into patient care disease processes.

**NUR 297: Leadership and Management in Nursing (4 credits)**

The course provides integration of theories of nursing leadership and management applicable to various roles in nursing. Evidence-based leadership skills, through self-reflection and group processes, as a core competency in nursing to improve quality outcomes in patient centered care and strengthen nursing as a profession are applied throughout the course.

**NUR 298: Capstone Practicum (4 credits)**

Integration through clinical practicum application of leadership, management, professionalism, team building, mentoring, communication skills, and ethical decision making processes in the delivery of healthcare in to diverse clients in diverse clinical settings. The clinical practicum synthesizes all program learning outcomes (knowledge, skills, attitudes) in the pre-licensure sequence of the program.

**NUR 299: Role Transition and Strategies for NCLEX Success (2 credits)**

The course will explore issues and trends that affect the profession of nursing when transitioning from the student nurse role to the professional nurse role. Self care strategies and intervention to address burnout and caregiver fatigue are addressed. Preparation for licensure and NCLEX-RN success are integrated throughout the course.

**NUR 500: NCLEX RN Exam (0 credits)**

Successful completion of the NCLEX-RN licensure exam in the state registered for licensure. This course is Pass/Fail.

**NUR 600: Advanced Pathophysiology and Genetics (3 credits)**

This course presents the theoretical and clinical principles and an in-depth description of diseases most often encountered in the primary care setting. The student will explore the pathophysiology and disruptions in normal body functioning for individuals across the lifespan. Health disparities resulting from genetic, environmental and stress-related causes will be analyzed. Assessment findings, diagnostic testing and interventions specific to selected health problems will be explored. Application of the advanced practice role in the treatment and management of disease processes will be discussed.

**NUR 610: Utilization of Research in Evidence-Based Practice (3 credits)**

This course provides an examination of the research process, statistical analysis, and evidence-based practice with applicability to advanced nursing practice. Attention is given to critical research methods, analysis, and ethical aspects of scholarly inquiry. Emphasis on how research contributes to the development of nursing knowledge, improves patient care, and enhances the education and professional accountability of nurse practitioners is presented.

**NUR 620: Advanced Pharmacology Across the Lifespan (3 credits)**

This course will build upon basic pharmacologic principles developed in the professional DNP's basic educational program. This course is designed to expand the graduate student's knowledge of pharmacotherapeutics and pharmacokinetics of broad categories of pharmacologic agents. The purpose of the content is to provide the graduate the knowledge and skills to assess, diagnose, and manage a client's common health problems in a safe, high quality, and cost-effective manner.

**NUR 625: Prof. Dev. Advocacy, Cultural Comp. Ethics, and Legislative Issues (3 credits)**

Inter-professional course introducing students to theories of healthcare ethics, ethical decision-making, legal and professional standards, institutional policies, and major ethical dilemmas facing today's practitioners.

**NUR 630: Adv. Health Assessment through Diag Rsn. and Clinical Dec. Making (3 credits)**

Apply theoretical foundations and clinical skills in comprehensive health assessment across the lifespan. This course will also focus on the foundations and principles of differential diagnosis, diagnostic reasoning, clinical decision making as well as bio-psycho-socio-cultural/spiritual considerations in advanced assessment across the lifespan.

**NUR 631: Business Skills for the Nurse Administrator (3 credits)**

This course will introduce business skills essential for the nurse administrator, including basic healthcare economics, financial/accounting management, human resource management, strategic management, and information management/technology. Programming, budgeting, and controlling processes in healthcare organizations will be discussed within the nurse administrator/manager's role. The course will include practice hours (56) to apply the essential business skills.

**NUR 632: Leadership and Management for the Nurse Administrator (3 credits)**

This course will provide an introduction to leadership and management skills essential for the nurse administrator in day to day operations management within a health care system. Students will gain an understanding of how to manage in a healthcare setting. Application of competencies including: communication, relationship management, influencing behaviors, DEI-B, community partnerships/involvement, medical staff relationships, academic partnership relationships, foundational thinking, personal journey, systems thinking, succession planning, change management will be demonstrated. Knowledge of the health care environment, clinical practice, delivery models/work designs, governance, EBP, patient safety, risk, and performance improvement/metrics will be introduced. The course will include practice hours (56) to apply the essential business skills.

**NUR 633: Curriculum Development and Program Evaluation (3 credits)**

This course will introduce curriculum development and program evaluation in nursing education. A focus will be on facilitating learner development & socialization (classroom/clinical), use of assessment and evaluation strategies, participation in curriculum development and evaluation of program outcomes, functioning as a change agent/leader, engagement in continuous quality improvement (CQI), & engagement in scholarship while functioning in the nurse educator (didactic/clinical) role.

**NUR 634: Teaching Strategies in Nursing Education (3 credits)**

This theory course focuses on the development and implementation of teaching-learning strategies that engage students in the classroom, clinical and skills lab. The theoretical foundations of teaching and learning, methods for instructional planning, sequencing and organizing instruction, and utilization of evolving technological strategies are emphasized based on best practices. Evidence-based teaching strategies for educators are examined that promote student engagement to provide safe, patient/client-centered care. The course will include practice hours (56) to apply the essential teaching/learning strategies in the educational environment.

**NUR 635: Nursing Administration Residency (3 credits)**

In this residency practice course, you will synthesize the concepts learned in the Masters of Science in Nursing business skills and leadership/management courses. The focus for this residency will be within the health care environment to synthesize all knowledge, skills, and attitudes acquired during the program by direct application of the role of the nurse administrator/manager in a health care organization. The course will include practice hours (168) to apply the essential nurse administrator competencies.

**NUR 636: Nursing Education Residency (3 credits)**

In this residency course, you will synthesize all concepts learned in the Masters of Science in Nursing education courses. The focus for this residency will be within the education or health care environment to synthesize all knowledge, skills, and attitudes acquired during the program by direct application of the role of the nurse educator role in the education practice environment. The course will include practice hours (168) to apply the essential nurse educator competencies.

**NUR 683: Microbiology for Healthcare for DE (4 credits)**

The course provides the student the conceptual application of non-pathogenic and pathogenic microorganisms and the mechanisms by which they cause disease in the human body. Advanced treatments for disease producing microorganisms will be discussed.

**NUR 684: Concepts of Nursing for DE (2 credits)**

The course will synthesize nursing concepts and theory required to function as a registered nurse and member of the interdisciplinary team. Focus on applying individualized care through careful integration of the nursing process, supports the concept of patient-centered care for persons, families, and groups of all ages throughout the health continuum. Application of evidence based practice in the delivery of nursing care.

**NUR 685: Anatomy and Physiology for Healthcare for DE (4 credits)**

The student will apply and synthesize the knowledge, skills, and attitudes in the basic structure and function of the human body. The course will prepare the student for advanced pathophysiology.

*Lab fee: \$700.00*

**NUR 686: Nutrition for Healthcare for Direct Entry (2 credits)**

In this nutrition course you will apply the science of nutrition and learn how to integrate nutrition principles in your healthcare profession. The course will focus on how key nutrients (carbohydrates, lipids, proteins, vitamins, minerals, and water) affect health, disease, energy balance, and weight control. You will synthesize nutrient requirements during physical activity, and how nutrient needs change during pregnancy and lactation. Additionally, the student will apply about vitamin and mineral supplements.

**NUR 687: Foundations of Nursing for DE (6 credits)**

Students will synthesize the knowledge, skills, and attributes essential to apply the foundations of nursing care. Students will apply the fundamentals of direct and indirect care as well as medication management. Students synthesize the basics of medical terminology, documentations, and safe and effective patient care. This course offers online laboratory/practicum and hands-on experience in a range of healthcare, and patient care skills, including an introduction to healthcare and nursing careers.

*Lab fee: \$700.00*

**NUR 688: Health Assessment for DE (3 credits)**

Synthesis of normal findings and common deviations throughout the lifespan. Analyze knowledge, skills, and attitudes to conduct and document comprehensive and focused patient assessments that provide the information to provide quality patient centered care to diverse populations.

**NUR 689: Pathophysiology for Healthcare for DE (3 credits)**

The course integrates an advanced review of mechanisms of human disease processes, with application and integration to patient centered and diverse care of clients in various healthcare settings. Treatments and interventions for disease processes will also be analyzed.

**NUR 690: Adult Health for DE (3 credits)**

Integrate the care of the adult patient with diverse needs utilizing the nursing process to apply physical, psychological, cultural, and spiritual needs and plan holistic care to improve patient outcomes. Focuses on the expected outcomes and effects of nursing interventions with adults experiencing health conditions.

**NUR 691: Adult Health Practicum for DE (3 credits)**

The student will synthesize holistic nursing care of the adult patient in diverse clinical settings. The student will be guided to provide safe, evidence-based, professional, holistic nursing care related to the management of clients with medical and/or surgical needs. A comprehensive application to various community health and intraoperative settings are provided.

**NUR 692: Care of the Family for DE (3 credits)**

The student will synthesize concepts and theories related to the promotion of health and wellness during the childbearing and childrearing years. Nursing interventions used in health promotion, risk reduction, clinical decision-making and management of the woman, childbearing and childrearing family, including working with usual childhood issues and with children who require acute and chronic care. Concepts specific to diversity, equity, and inclusion will be discussed. Care of the LGBTQ client will be integrated.

**NUR 693: Care of the Family Practicum for DE (3 credits)**

Integration of clinical practicum experiences in diverse clinical settings, related to the promotion of health and wellness during childbearing and childrearing years. Application of patient centered care with persons of diverse backgrounds, nursing colleagues, and other members of the interdisciplinary team. Prioritizing and applying nursing care in hospital and community-based settings.

**NUR 694: Behavioral Health & Complex Care for DE (6 credits)**

The course will integrate concepts and theories related to nursing care of complex adult patients experiencing acutely changing conditions in settings where outcomes are less predictable. Complex, multi-system and behavioral health disease processes will be critically synthesized. Focusing on the care of the adult client with alteration of immunological, neurological, behavioral and endocrine systems, focusing on promotion, maintenance and restoration of psychological homeostasis within the environment through utilization of the nursing process emphasizing the interrelatedness of pathophysiology, pharmacology and nutrition as it occurs in specific conditions. End of Life Care and Age associated changes specific to the Geriatric Client will be addressed.

**NUR 695: Behavioral Health & Complex Care Practicum for DE (4 credits)**

Synthesis of patient centered care in the application of clinical practicum in the diverse clinical setting, of (complex) adult patients experiencing acutely changing conditions where outcomes are less predictable. Apply safe, evidence-based professional, holistic nursing care related to the management of clients with complex, multi-system, and behavioral health disease processes. End of Life Care and associated care of the geriatric client will be addressed.

**NUR 696: Pharmacology for DE (2 credits)**

This course provides an introduction to nursing advanced level pharmacology that integrates the advanced concepts of physiology, pathophysiology, chemistry, and nursing fundamentals to build a foundation for administering drug therapy to patients. Using a simple to complex approach, key content areas are presented to help conceptualize the important components related to nursing pharmacology. The advanced concepts of pharmacology, such as drug testing and approval, pharmacokinetics and pharmacodynamics, therapeutic and toxic effects, dosage calculations, and challenges related to drug therapy, provide the foundation from which drug therapy associated with specific body systems can be addressed. Discussion of the major drug groups focuses on therapeutic actions and indications, pharmacokinetics, contraindications and cautions, adverse effects, clinically important drug-drug interactions and nursing considerations which emphasize the nursing process and focus on patient care and teaching. Prototypes of the major drug groups are emphasized. Lifespan considerations, evidence for best practice, patient safety, and critical thinking are integrated throughout the course and will be integrated into patient care disease processes.

**NUR 697: Leadership and Management in Nursing for DE (4 credits)**

The course provides integration of theories of nursing leadership and management applicable to various roles in nursing. Evidence-based leadership skills, through self-reflection and group processes, as a core competency in nursing to improve quality outcomes in patient centered care and strengthen nursing as a profession are applied throughout the course.

**NUR 698: Capstone Practicum for DE (4 credits)**

Integration through clinical practicum application of leadership, management, professionalism, team building, mentoring, communication skills, and ethical decision making processes in the delivery of healthcare in to diverse clients in diverse clinical settings. The clinical practicum synthesizes all program learning outcomes (knowledge, skills, attitudes) in the pre-licensure sequence of the program.

**NUR 699: Role Transition and Strategies for NCLEX Success for DE (2 credits)**

Synthesis and integration of issues and trends that affect the profession of nursing when transitioning from the student nurse role to the professional nurse role. Self care strategies and interventions to address burnout and caregiver fatigue are analyzed. Preparation for the direct entry student for licensure and NCLEX-RN success are integrated throughout the course.

**NUR 702: Biostatistics and Epidemiology (3 credits)**

Students explore epidemiological investigation of diseases with special emphasis on the distribution and dynamic behavior of disease in a population. Topics to be covered include epidemics and the spread of infectious disease, epidemiological aspects of non-infectious disease; rates of morbidity and mortality, sensitivity, specificity, and predictive values' strategies used in epidemiological studies to include measures of disease effect, validity, reliability; sampling methods. Computer-based bio statistics which are commonly used in health care practice research are reviewed. Students are asked to relate the material to their own practice. The primary goal of the course is to prepare students to conduct statistical analyses for their Capstone project and other future research and scholarly projects.

**NUR 705: Nursing Theory and Health Promotion (3 credits)**

Students analyze theories and research from nursing, health promotion, health protection and disease prevention. Family, human development, patient education and community are the foundation for exploring the phenomena of family focused care. Data grounded in epidemiological sources, health histories and family assessments are examined as the basis for identification of risk factors.

**NUR 715: Healthcare Informatics (3 credits)**

This course focuses on the collection, organization, analysis, and dissemination of information in Nursing and health care. Students explore nursing informatics, the information system life-cycle, telemedicine, and the use of technology to enhance nursing care delivery and patient safety. Students learn how to design, use, and manipulate large and small patient databases for the analysis of patient outcomes.

**NUR 735: FNP Primary Care Adolescents and Adult Patients (6 credits)**

The focus of this course is integration of the FNP core knowledge in health promotion and diagnosis and management in the care of the adolescent and adult patient and families in the primary health care setting. Emphasis is placed on the care of adolescent and adult patients and families with acute and chronic complex health problems. In addition, the family nurse practitioner as a collaborative member of the inter-professional team will be emphasized.

*Lab fee: \$850*

*Prerequisite: NUR 600, NUR 620, and NUR 630*

**NUR 740: FNP Womens Health (6 credits)**

The focus of this course is integration of the FNP core knowledge in health promotion and diagnosis and management in the care of the female patient and families in the primary health care setting. Emphasis is placed on the care of women patients and families with acute and chronic complex health problems. In addition, the family nurse practitioner as a collaborative member of the inter-professional team will be emphasized.

*Lab fee: \$850*

*Prerequisite: NUR 600, NUR 620, and NUR 630*

**NUR 745: Population Health: Analysis and Evaluation (3 credits)**

This course explores the reciprocity between health care policies and population health and emphasizes the relationship of behaviors as well as social and political structures to health outcomes. A variety of theories, concepts, and models from a range of social and behavioral disciplines will be utilized to examine influences at multiple levels (e.g., personal, community, institutional, and public policy).

**NUR 750: FNP Pediatrics (5 credits)**

The focus of this course is integration of the FNP core knowledge in health promotion and diagnosis and management in the care of the pediatric patient and families in the primary health care setting. Emphasis is placed on the care of pediatric patients and families with acute and chronic complex health problems. In addition, the family nurse practitioner as a collaborative member of the inter-professional team will be emphasized.

*Lab fee: \$500*

*Prerequisite: NUR 600, NUR 620, and NUR 630*

**NUR 755: FNP Mental Health (5 credits)**

The focus of this course is integration of the FNP core knowledge in health promotion and diagnosis and management in the care of the psychiatric patient and families in the primary health care setting. Emphasis is placed on the care of psychiatric patients and families with acute and chronic complex health problems. In addition, the family nurse practitioner as a collaborative member of the inter-professional team will be emphasized.

*Lab fee: \$500*

*Prerequisite: NUR 600, NUR 620, and NUR 630*

**NUR 760: FNP Geriatrics and Chronic Illness (6 credits)**

The focus of this course is integration of the FNP core knowledge in health promotion and diagnosis and management in the care of the mature and aging patient and families in the primary health care setting. Emphasis is placed on the care of mature and aging patients and families with acute and chronic complex health problems. In addition, the family nurse practitioner as a collaborative member of the inter-professional team will be emphasized.

*Lab fee: \$850*

*Prerequisite: NUR 600, NUR 620, and NUR 630*

**NUR 765: DNP Capstone I (3 credits)**

DNP Capstone I is the first of two Capstone courses in which students complete an integrated evidence-based project that demonstrates a practice (as opposed to a research) focus. In Capstone I, students refine the project topic identified in NUR 610, and complete and defend a proposal which leads to a final application-oriented, scholarly work exemplifying the concept of the scholar-practitioner. Practice change initiatives, performance management projects, healthcare policy, and innovative uses of technology are some examples of projects within the scope of a DNP graduate.

*Prerequisite: NUR 610*

**NUR 770: DNP Forum and Role Transformation (3 credits)**

This seminar facilitates the transition of graduate nursing students to advanced clinical practice. It emphasizes the goals and tasks of the transformation of identity from student to independent professional.

**NUR 775: DNP Capstone II (3 credits)**

In this course, students complete the evidence-based project started in Capstone I. In Capstone II, the emphasis is on evaluation and multiple modalities for dissemination of findings of the project for translating evidence into practice.

*Prerequisite: NUR 765*

**NUR 780: DNP Leadership Practicum: Preparing for Doctoral Leadership (3 credits)**

In this course, in collaboration with faculty and practice mentors, students design a practice experience to facilitate application of the synthesis of knowledge gained throughout the DNP program. The leadership practice experience will reinforce didactic learning, theories and empirical evidence translated to the practice environment specific to organization, systems, and aggregates to promote population health.

*Prerequisite: NUR 765, NUR 775*

**NUR 785: DNP Advanced Leadership Residency (9 credits)**

The DNP advanced leadership residency is designed to continue to develop the DNP student's understanding of leadership in an area of practice at the aggregate/systems/organization level. Students will enhance their existing advanced leadership skills in a leadership area of interest (e.g., organization/system healthcare outcomes; quality/performance improvement strategies; data metrics, analysis, & evaluation of practice outcomes; patient safety initiatives; health care and organizational policy; ethics related to healthcare organization/systems; information technology; data/knowledge management; or global/population health).