

# NURSING (NURS)

## **NURS 1. NLN ACE Challenge II Exam. 2-6 Credit Hours.**

May be repeated; maximum credit 30 hours. The College of Nursing certifies when students successfully pass the National League for Nursing Career Mobility Profile II Examinations for Advanced Standing or is being granted experiential learning credit for the allocated topics.

**Course Type:** Lecture

## **NURS 2. NURS Advanced Standing Exam. 0-6 Credit Hours.**

May be repeated; maximum credit 30 hours. Advanced Standing Examination. The College of Nursing prepares and administers an advanced standing examination for specific courses.

**Course Type:** Lecture

## **NURS 3. HESI Placement Exam. 2-6 Credit Hours.**

May be repeated with change of content; maximum credit 30 hours. The College of Nursing certifies when students successfully pass the Health Education Systems Incorporated (HESI) for Nursing Career Mobility Profile II Examinations for Advanced Standing or is being granted experiential learning credit for the allocated topics.

**Course Type:** Lecture

## **NURS 3003. Interdisciplinary Leadership in Healthcare. 3 Credit Hours.**

Prerequisites: Admissions to OU Health Sciences Campus. Cross Listed: DH 3003; PHAR 3003; AHS 3003 This course reviews cultural humility and interprofessional competence in health care. It provides the opportunity to learn how interprofessional health professionals can utilize cultural humility to address health disparities among an increasingly diverse population while providing the highest quality of care. (F, Sp, Su, Int III, IV) Course may not fulfil the Upper-Division General Education Req.

**Course Type:** Lecture

## **NURS 3023. Clinical I Nursing. 3 Credit Hours.**

Prerequisites: Admission to the undergraduate Nursing program. The focus is on practical application and understanding of basic nursing skills through evidence-based practice and the use of information management systems. Emphasis is on implementing therapeutic, culturally sensitive interventions with individuals throughout the lifespan and attending to health maintenance and promotion in a variety of clinical settings. (F, SP, SU III)

**Course Type:** Clinical

## **NURS 3024. Clinical Nursing I. 4 Credit Hours.**

Prerequisites: (CO-requisites) NURS 3033; NURS 3043; NURS 3062; NURS 3083 The focus is on practical application and understanding of basic nursing skills through evidence-based practice and the use of information management systems. Emphasis is on implementing therapeutic, culturally-sensitive interventions with individuals throughout the lifespan and attending to health maintenance and promotion in a variety of clinical settings.

**Course Type:** Clinical

## **NURS 3033. Human Experience in Health and Common Illness. 3 Credit Hours.**

Prerequisites: (CO-requisites) NURS 3043; NURS 3062; NURS 3024; NURS 3083 This introductory course focuses on health promotion/wellness management, disease prevention, health maintenance and common illnesses management. These concepts form the basis for evidence-based patient-centered care across the lifespan. Biological, psychological, cultural, spiritual, environmental, and developmental determinants of health are examined.

**Course Type:** Lecture

## **NURS 3043. Health Assessment. 3 Credit Hours.**

Prerequisites: Admission to OU College of Nursing; (CO/Pre-requisite: NURS 3062) This course is an introduction to the basic concepts of health assessment for individuals across the lifespan. Principles of effective communication, safe practices and health promotion are emphasized in the instruction of health history data collection and psychomotor physical assessment skills.

**Course Type:** Lecture

## **NURS 3054. Psychosocial Nursing. 4 Credit Hours.**

Prerequisites: Successful completion of all third semester courses. The course provides a theoretical basis for psychosocial nursing practice across the lifespan and in all areas of professional practice. The focus is on evidence-based, patient-centered, culturally sensitive care that assists individuals, families, and target groups in maintaining psychosocial integrity. (F, SP, SU IV)

**Course Type:** Lecture

## **NURS 3062. Introduction to Professional Nursing Practice. 2 Credit Hours.**

Prerequisites: Admission to Fran and Earl Zeigler College of Nursing. This course is an introduction to core concepts inherent to the University of Oklahoma Fran and Earl Zeigler College of Nursing Baccalaureate Nursing curriculum Students will operationalize the concepts in course assignments and identify the scope and standards of nursing practice. (Summer, Fall, & Spring III)

**Course Type:** Lecture

## **NURS 3073. Introduction to Professional Nursing Practice. 3 Credit Hours.**

Prerequisites: Admission to the undergraduate Nursing Program. This course is an introduction to professional nursing. Students will operationalize the concepts of professional nursing in course assignments and identify the scope and standards of nursing practice.(F, SP, SU III)

**Course Type:** Lecture

## **NURS 3083. Pharmacology in Nursing. 3 Credit Hours.**

Prerequisites: Admission to the OU College of Nursing This theory course focuses on the nurse's responsibilities involved in safe patient centered care in both the administration of drugs and the monitoring and evaluation of clients receiving medications across the lifespan. Students will utilize evidence based information in exploring a prototype medication for each class of medications.

**Course Type:** Lecture

## **NURS 3114. Clinical Nursing II. 4 Credit Hours.**

Prerequisites: Admission to the undergraduate Nursing program. The focus on care of individuals and families across the illness-wellness continuum and across the lifespan. Students expand their nursing skills through evidence-based, culturally sensitive practice and using information management systems. Experiences included beginning assumption of the nurse's role in advocacy, collaboration, and quality improvement in a variety of settings. (F, SP, SU III)

**Course Type:** Clinical

**NURS 3126. Clinical Nursing II. 6 Credit Hours.**

Prerequisites: NURS 3024: Clinical Nursing I; NURS 3043: Health Assessment; NURS 3062: Introduction to Professional Nursing; NURS 3033: Human Experience in Health & Illness; NURS 3083: Pharmacology in Nursing. The focus is on care of individuals and families across the illness-wellness continuum and across the lifespan. Students expand their nursing skills through evidence-based, culturally-sensitive practice and using information management systems. Experiences included beginning assumption of the nurse's role in advocacy, collaboration, and quality improvement in a variety of settings. (Spring III)

**Course Type:** Clinical

**NURS 3134. Human Experience in Acute and Chronic Illness I. 4 Credit Hours.**

Prerequisites: NURS 3024 Clinical Nursing I, NURS 3043 Health Assessment, NURS 3062 Introduction to Professional Nursing, NURS 3033 Human Experience in Health, & Co or prerequisite: NURS 3083 Pharmacology in Nursing. This course provides a theoretical basis for selected common acute and chronic illnesses across the lifespan. The focus is on evidence-based, patient-centered nursing care of individuals with selected pathophysiological conditions. This is the second of four courses focusing on acute and chronic illness. (Fall, Spring, and Summer III)

**Course Type:** Lecture

**NURS 3143. Family-focused Nursing. 3 Credit Hours.**

Prerequisites: NURS 3062: Introduction to Professional Nursing; NURS 3033: Human Experience in Health & Illness This theoretical course provides a basis for the provision of patient-center care within the context of the family. Emphasis is on evidenced based practices and concepts related to the family and the childbearing process, common reproductive health conditions and health concerns affecting infants.

**Course Type:** Lecture

**NURS 3162. Human Experience of Disability. 2 Credit Hours.**

Prerequisites: NURS 3043; NURS 3024; NURS 3033; NURS 3033; NURS 3062; NURS 3083 This on-line course focuses on patient-centered nursing care of individuals and family members experiencing biopsychosocial and behavioral changes associated with disabilities. Information management and quality improvement skills will be used to develop rational for nursing care across the lifespan that maximizes restoration and healthy adaptation of these lifestyle alterations.

**Course Type:** Discussion

**NURS 3203. Pathophysiology and Pharmacology I. 3 Credit Hours.**

Prerequisites: Admission to the undergraduate nursing program. This course provides a foundation for nursing practice by focusing on health promotion, wellness management, and disease prevention, with an introduction to pathophysiology and pharmacotherapeutics. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3212. Professional Nursing I. 2 Credit Hours.**

Prerequisites: Admission to the undergraduate Nursing Program. This course provides the foundation for professional nursing and health care delivery related to wellness and disease prevention. Students explore the scientific basis for nursing and professional socialization. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3213. Building a Culture of Health Across the Lifespan I. 3 Credit Hours.**

Prerequisites: Admission to the undergraduate nursing program. This course focuses on foundational biobehavioral concepts of wellness and disease prevention across the lifespan using a holistic perspective. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3221. Nursing Recitation I. 1 Credit Hour.**

Prerequisites: Admission to the undergraduate nursing program. This seminar provides for mentored learning experiences to synthesize foundational biobehavioral concepts of wellness and disease prevention across the lifespan using a holistic perspective. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3222. Professional Practice: Simulation I. 2 Credit Hours.**

Prerequisites: Admission to the undergraduate nursing program. In this on-campus professional practice course, students focus on the application of health wellness, and prevention management across the lifespan. Students will develop the psychomotor, cognitive, and affective skills, knowledge, and attitudes necessary to provide safe and effective nursing care. (F, Sp, Su III)

**Course Type:** Laboratory

**NURS 3233. Professional Practice: Health Assessment & Nursing Interventions I. 3 Credit Hours.**

Prerequisites: Admission to the undergraduate nursing program. In this on-campus professional practice course, students focus on the development of psychomotor, cognitive, and affective assessment skills, knowledge, and attitudes necessary to provide safe and effective nursing care. (F, Sp, Su III)

**Course Type:** Laboratory

**NURS 3313. Pathophysiology & Pharmacology II. 3 Credit Hours.**

Prerequisites: Successful completion of all first semester courses. This course builds upon the foundation of nursing practice by focusing on chronic disease management, pathophysiology, and pharmacotherapeutic implications. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3321. Nursing Recitation II. 1 Credit Hour.**

Prerequisites: Successful completion of all first semester courses. This seminar provides for mentored learning experiences to synthesize biobehavioral concepts related to chronic disease management across the lifespan using a holistic perspective. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3322. Professional Nursing II. 2 Credit Hours.**

Prerequisites: Successful completion of all first semester courses. This course builds on the foundation for professional nursing and health care delivery related to chronic disease management. Students examine concepts related to ethical principles, health management, and optimal health outcomes. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3323. Building a Culture of Health Across the Lifespan II. 3 Credit Hours.**

Prerequisites: Successful completion of all first semester courses. This course builds upon foundational biobehavioral concepts related to chronic disease management across the lifespan using a holistic perspective. (F, Sp, Su III)

**Course Type:** Lecture

**NURS 3332. Professional Practice: Health Assessment & Nursing Interventions II. 2 Credit Hours.**

Prerequisites: Successful completion of all first semester courses. In this on-campus professional practice course, students focus on the performance of psychomotor, cognitive, and affective assessment skills, knowledge, and attitudes necessary to provide safe and effective nursing care. (F, Sp, Su III)

**Course Type:** Laboratory

**NURS 3342. Professional Practice: Simulation II. 2 Credit Hours.**

Prerequisites: Successful completion of all first semester courses. In this on-campus professional practice course, students focus on the application of chronic condition management across the lifespan. Students will refine psychomotor, cognitive, and affective skill, knowledge, and attitudes necessary to provide safe and effective nursing care. (F, Sp, Su III)

**Course Type:** Laboratory

**NURS 3343. Professional Practice: Wellness & Chronic Disease Management. 3 Credit Hours.**

Prerequisites: Successful completion of all first semester courses. This off-campus clinical course is focused on providing evidence-based nursing care with an emphasis on wellness, disease prevention, and chronic disease management for individuals, groups, and populations across the lifespan in a variety of settings. May include clinical experiences with adults, children, psychiatric mental health, and maternal-infant. (F, Sp, Su III)

**Course Type:** Clinical

**NURS 3816. Clinical Nursing IIA. 6 Credit Hours.**

Prerequisites: NURS 3024, NURS 3033, NURS 3043, NURS 3062; Pre/Corequisites: NURS 3083, NURS 3134, & NURS 4043 The focus is on care of individuals and families across the illness-wellness continuum and across the lifespan. Students expand their nursing skills through evidence-based, culturally-sensitive practice and using information management improvement in a variety of settings.

**Course Type:** Clinical

**NURS 4014. Human Experience in Acute and Chronic Illness II-Career Mobility. 4 Credit Hours.**

Prerequisites: Admission to OUCN-CM Program This course provides a theoretical basis for selected complex acute and chronic illnesses across the human lifespan. The focus is on evidence based, patient-centered nursing care of individuals with selected complicated pathophysiologic conditions. This course is designed for the career mobility student who is licensed as a nurse.

**Course Type:** Lecture

**NURS 4025. Clinical III Nursing B. 5 Credit Hours.**

Prerequisites: Senior Standing Co-requisites: NURS 4034: Human Experience in Acute and Chronic Illness; NURS 4043: Psychosocial Nursing. The focus of this course is on patient-centered, evidence-based care of individuals, families, and populations with complex physiological and psychosocial issues. Working within the interprofessional team, emphasis is on improving health outcomes. (F, Sp, & Su IV)

**Course Type:** Clinical

**NURS 4026. Clinical Nursing III. 6 Credit Hours.**

Prerequisites: Senior Standing; (CO-requisites) NURS 4034: Human Experience in Acute and Chronic Illness II; NURS 4043: Psychosocial Nursing The focus is on patient-centered care of individuals and families with complex physiologic and psychosocial conditions across the lifespan and across health care settings. As participants within an interdisciplinary team, emphasis is on implementing advanced evidence-based practice, using informatics, and improving patient outcomes across the illness-wellness continuum.

**Course Type:** Clinical

**NURS 4034. The Human Experience in Acute and Chronic Illness II. 4 Credit Hours.**

Prerequisites: NURS 3126: Clinical Nursing II; NURS 3134: Human Experience in Acute and Chronic Illness I; NURS 3143: Family Focused Nursing; NURS 3162: Human Experience of Disability This course provides a theoretical basis for selected complex acute and chronic illnesses across the human lifespan. The focus is on evidence based, patient-centered nursing care of individuals with selected complicated pathophysiologic conditions.

**Course Type:** Lecture

**NURS 4043. Psychosocial Nursing. 3 Credit Hours.**

Prerequisites: NURS 3134; NURS 3143; NURS 3162 The course provides a theoretical basis for psychosocial nursing practice across the lifespan and in all areas of professional practice. The focus is on evidence based, patient centered, culturally sensitive care that assists individuals, families and target groups in maintaining psychosocial integrity.

**Course Type:** Discussion

**NURS 4044. Clinical Nursing III - Career Mobility. 4 Credit Hours.**

Prerequisites: NURS 3043 Health Assessment; NURS 4034 (Human Experience in Acute and Chronic II); NURS 4143 Community Focused Nursing, Concurrent. This clinical course focuses on the professional nurse role within an interdisciplinary team in care of populations and families in the community. Emphasis is on implementing evidence-based practice, managing information, and improving the health of populations. Multiple settings are utilized to explore health promotion and prevention strategies.

**Course Type:** Clinical

**NURS 4054. Clinical III Nursing. 4 Credit Hours.**

Prerequisites: Admission to the undergraduate Nursing Program. Successful completion of all first and second semester courses. The focus is on patient-centered care of individuals and families with complex healthcare needs across the lifespan and across health care settings. As participants within an interdisciplinary team, emphasis is on implementing evidence-based practice, using informatics, and improving patient outcomes across the illness-wellness continuum. (F, SP, SU III)

**Course Type:** Clinical

**NURS 4062. Nursing Research. 2 Credit Hours.**

Prerequisites: Senior standing or permission on the course coordinator. This course introduces students to scientific inquiry through examining the steps of research and evidence-based practice (EBP). Students will search relevant databases for current research related to evidence-based practice. Knowledge will be applied by critical appraisal of research studies and EBP reviews at a beginning level. (Fall, Spring, Intersession IV)

**Course Type:** Lecture

**NURS 4063. Nursing Research. 3 Credit Hours.**

Prerequisites: Senior standing or permission of the program director. This course introduces students to scientific inquiry and critical appraisal through examining the steps of research and evidence-based practice (EBP). Students gain baseline knowledge and understanding of research evidence and translational science to become knowledgeable, interprofessional consumers of research. (Summer, Fall, Spring, Intersession IV)

**Course Type:** Lecture

**NURS 4084. Clinical III Nursing for the RN. 4 Credit Hours.**

Prerequisites: Admission to the RN-BSN program. This clinical course focuses on the professional nurse role within an interprofessional team in care of populations and families in the community. Emphasis is on implementing evidence-based practice, leadership principles, and improving the health of populations. Online simulations are used to explore leadership issues and health promotion and prevention strategies. (F, SP, SU IV)

**Course Type:** Clinical

**NURS 4123. Leadership in Nursing Practice. 3 Credit Hours.**

Prerequisites: Successful completion of all third semester courses and admission to the LPN-BSN Program. This capstone theory course explores concepts necessary for the professional nurse to exercise leadership in the changing health care environment. The application of research to the clinical environment will be emphasized. (F, SP, SU IV)

**Course Type:** Lecture

**NURS 4124. Clinical Nursing IV. 4 Credit Hours.**

Prerequisites: NURS 4026: Clinical Nursing III; NURS 4134: Human Experience in Acute & Chronic Illness II; NURS 4143: Psychosocial Nursing; NURS 4134: Leadership in Nursing Practice; NURS 4142: Human Experience in Acute & Chronic Illness III; NURS 4152: Contemporary Professional Nursing. This clinical course is focused on evidence based nursing care for aggregates across the life-span with an emphasis on coordination of health care to individuals, groups, and populations in a variety of settings. Professional nursing practice will incorporate leadership theory, quality improvement principles and utilization of healthcare information systems.

**Course Type:** Clinical

**NURS 4126. Clinical Nursing IV-Career Mobility. 6 Credit Hours.**

Prerequisites: NURS 4044; Pre/Coreq: NURS 4143; NURS 4014; NURS 4134; NURS 4062 The focus of this course, for career mobility students, is on applying leadership/management principles to professional nursing practice, patient-centered care, quality improvement, evidence-based practice and information management to positively influence health care environments/systems.

**Course Type:** Clinical

**NURS 4134. Leadership in Nursing Practice. 4 Credit Hours.**

Prerequisites: All junior level nursing courses. NURS 4026: Clinical Nursing III; NURS 4034: Human Experience in Acute & Chronic Illness II; NURS 4062: Nursing Research; NURS 4043: Psychosocial Nursing; (CO-requisites): NURS 4124: Clinical Nursing IV This capstone theory course explores concepts necessary for the professional nurse to exercise leadership in the changing health care environment. The application of research to the clinical environment will be emphasized.

**Course Type:** Lecture

**NURS 4142. Human Experience in Acute and Chronic Illness III. 2 Credit Hours.**

Prerequisites: NURS 4026 Clinical Nursing III; NURS 4034 Human Experience in Acute and Chronic Illness II; NURS 4043 Psychosocial Nursing; NURS 4062 Nursing Research This course provides opportunities for students to review, analyze, and synthesize complex concepts as they relate to multi-system acute and chronic illness management across the lifespan. The focus is on evidence-based, patient-centered nursing care of patients and families.

**Course Type:** Lecture

**NURS 4143. Community Focused Nursing. 3 Credit Hours.**

Prerequisites: All junior level nursing courses or equivalent: N4044 D.C. N4026 TBSN: Clinical Nursing III; N4043: Psychosocial Nursing NURS 4034: Human Experience in Acute & Chronic Illness II; NURS 4062: Nursing Research This theory course focuses on the synthesis of nursing, social, and public health sciences to foster health promotion, disease prevention, and protection strategies for populations. (Fall & Spring IV)

**Course Type:** Lecture

**NURS 4144. Family-Focused Nursing. 4 Credit Hours.**

Prerequisites: Successful completion of all first semester courses. This theoretical course provides a basis for the provision of patient-centered care within the context of the family. Emphasis is on evidenced based practices and concepts related to the family and the childbearing process, common reproductive health conditions, and health concerns affecting infants. (F, SP, SU III)

**Course Type:** Lecture

**NURS 4152. Contemporary Professional Nursing. 2 Credit Hours.**

Prerequisites: All junior level nursing courses. NURS 4026: Clinical Nursing III The purpose of this course is to provide an overview of current issues and trends affecting the practice and role of professional nurses and the health of people in a changing health care environment.

**Course Type:** Lecture

**NURS 4154. Community Focused Nursing for the RN. 4 Credit Hours.**

Prerequisites: Admission to the RN-BSN Program. This course focuses on population-centered professional nursing practice within core public health functions of assessment, assurance and policy development. Community collaboration/partnerships, political advocacy, health promotion and evidenced based health interventions are explored as methods used to improve health outcomes across the lifespan of various populations. (F, SP, SU IV)

**Course Type:** Lecture

**NURS 4162. Emergency Department Nursing. 2 Credit Hours.**

Prerequisites: By permission of the program director-Nursing students only. This course is designed to complement nursing medical-surgical curriculum by emphasizing the emergency nursing specialty. The emergency nursing exposure provides an opportunity for students to focus on beginning competencies necessary for the care of emergency clients. (Intersession I & II)

**Course Type:** Lecture

**NURS 4163. Contemporary Professional Nursing. 3 Credit Hours.**

Prerequisites: Successful completion of all third semester courses or admission to the RN-BSN program. The purpose of this course is to provide an overview of current issues and trends affecting the practice and role of professional nurses and the health of people in a changing health care environment. (F, SP, Su IV)

**Course Type:** Lecture



**NURS 4213. Human Experience in Acute & Chronic Illness III. 3 Credit Hours.**

Prerequisites: Successful completion of all third semester courses. This course provides opportunities for students to review, analyze, and synthesize patho-physiological concepts as they relate to multi-system acute and chronic illness management across the lifespan. The focus is on evidence-based, patient-centered nursing care of patients and families. (F, SP, SU IV)

**Course Type:** Lecture

**NURS 4215. Clinical III Nursing for the LPN. 5 Credit Hours.**

Prerequisites: Admission to the LPN-BSN program, successful completion of all second semester requirements, or permission of the Program Director. This clinical course focuses on the professional nurse role within an interdisciplinary team in care of populations and families in the community. Emphasis is on implementing evidence-based practice, managing information, and improving the health of populations. Multiple settings are utilized to explore health promotion and prevention strategies. (F, SP, SU IV)

**Course Type:** Clinical

**NURS 4224. Leadership in Nursing Practice for the RN. 4 Credit Hours.**

Prerequisites: Admission to the RN-BSN program. This theory course explores concepts necessary for the professional nurse to exercise leadership in the changing health care environment. The application of research to the clinical environment will be emphasized. (F, SP, SU IV)

**Course Type:** Lecture

**NURS 4232. Perioperative Nursing. 2 Credit Hours.**

Prerequisites: By permission of the program director-Nursing student only. This elective course is designed to complement health sciences medical-surgical curriculum by emphasizing the perioperative nursing specialty. The Peri-Operative Nursing special elective provides an opportunity for student to focus on competencies necessary for the care of an operative patient. (Intersession)

**Course Type:** Clinical

**NURS 4233. Innovation in Nursing. 3 Credit Hours.**

Prerequisite: Admission to the RN-BSN Program. This course examines the theories and models integral to the competency of innovation. Students explore practice issues to identify opportunities and develop innovative strategies to improve quality, access, cost and/or healthcare environments. (F, SP, SU IV)

**Course Type:** Lecture

**NURS 4243. Community Focused Nursing for the LPN. 3 Credit Hours.**

Prerequisites: Admission to the LPN-BSN Program and completion of all first and second semester course requirements. This course focuses on population-centered professional nursing practice within core public health functions of assessment, assurance and policy development. Community collaboration/ partnerships, political advocacy, health promotion and education based on current evidence to determine health interventions and outcomes are used to improve health across the lifespan of various populations. (F, SP, SU IV)

**Course Type:** Lecture

**NURS 4244. Clinical IV Nursing for the LPN. 4 Credit Hours.**

Prerequisites: Admission to the LPN-BSN program, successful completion of all second semester requirements, or permission of the Program Director. The focus of this course is on applying leadership/ management principles to professional nursing practice, patient-centered care, quality improvement, evidence-based practice and information management to positively influence health care environments/systems. (F, SP, SU III)

**Course Type:** Clinical

**NURS 4246. Clinical Nursing IV-Career Mobility-LPN. 6 Credit Hours.**

Prerequisite/Corequisite: NURS 4134 The focus of this course, for LPN to BSN career mobility students, is on applying leadership/management principles to professional nursing practice, patient-centered care, quality improvement, evidence-based practice and information management to positively influence health care environments/systems.

**Course Type:** Clinical

**NURS 4253. Leadership in Nursing Practice for the LPN. 3 Credit Hours.**

Prerequisites: Successful completion of all third semester courses and admission to the LPN-BSN Program. This capstone theory course explores concepts necessary for the professional nurse to exercise leadership in the changing health care environment. The application of research to the clinical environment will be emphasized. (F, SP, SU IV)

**Course Type:** Lecture

**NURS 4313. Continuum of Complex Care. 3 Credit Hours.**

Prerequisites: Successful completion of all second semester courses. This course focuses on the application and analysis of complex pathophysiology and pharmacotherapeutics of acute, restorative, and regenerative conditions. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4321. Nursing Recitation III. 1 Credit Hour.**

Prerequisites: Successful completion of all second semester courses. This seminar provides for mentored learning experiences to synthesize biobehavioral concepts related to acute, regenerative, and restorative care across the lifespan using a holistic perspective. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4323. Building a Culture of Health Across the Lifespan III. 3 Credit Hours.**

Prerequisites: Successful completion of all second semester courses. This course focuses on the application and analysis of biobehavioral concepts related to acute, regenerative, and restorative care across the lifespan using a holistic perspective. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4331. Professional Practice: Health Assessment & Nursing Interventions III. 1 Credit Hour.**

Prerequisites: Successful completion of all second semester courses. In this on-campus clinical lab experience, students continue to build and refine the psychomotor, cognitive, and affective skills, knowledge, and attitudes necessary to provide safe and effective acute, regenerative & restorative nursing care. Population content includes adults, children, psychiatric mental health, and maternal-infant. (F, Sp, Su IV)

**Course Type:** Laboratory

**NURS 4333. Professional Nursing III. 3 Credit Hours.**

Prerequisites: Successful completion of all second semester courses. This course focuses on the application and analysis of professional nursing concepts related to the delivery of acute, regenerative, and restorative care. Students examine concepts related to interprofessional collaboration, team dynamics, and systems of care. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4342. Professional Practice: Simulation III. 2 Credit Hours.**

Prerequisites: Successful completion of all second semester courses. In this on-campus professional practice course, students focus on the application of biobehavioral acute, regenerative, and restorative care across the lifespan. Students will continue to build on and refine psychomotor, cognitive, and affective skills, knowledge, and attitudes necessary to provide safe and effective nursing care. (F, Sp, Su IV)

**Course Type:** Laboratory

**NURS 4343. Professional Practice: Regenerative, Restorative, Palliative & Hospice Care. 3 Credit Hours.**

Prerequisites: Admission into the LPN-BSN program, successful completion of all second semester requirements. This off-campus professional practice clinical course is focused on providing evidence based nursing care with an emphasis on restorative, regenerative, hospice, and palliative care management for individuals, groups, and populations across the lifespan in a variety of settings. (F, Sp, Su IV)

**Course Type:** Clinical

**NURS 4413. Research & Translational Science. 3 Credit Hours.**

Prerequisites: Completion of the third semester courses and/or admission to the RN-BSN program. This course focuses on the application and analysis of research and translational science. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4421. Nursing Recitation IV. 1 Credit Hour.**

Prerequisites: Successful completion of all third semester courses. This seminar provides for mentored learning experiences to synthesize concepts that influence health care delivery and optimal outcomes. Students will integrate concepts into Professional Practice. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4423. Building a Culture of Health Across the Lifespan IV. 3 Credit Hours.**

Prerequisites: Successful completion of all third semester courses. The course focuses on the synthesis and evaluation of concepts that influence health care delivery and optimal outcomes. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4433. Professional Nursing IV. 3 Credit Hours.**

Prerequisites: Successful completion of all third semester courses. This course synthesizes and evaluates professional nursing concepts related to systems of care that impact individual and population health. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4444. Transition to Professional Practice. 4 Credit Hours.**

Prerequisites: Successful completion of all third semester courses. This off-campus professional practice clinical course focuses on the synthesis of evidence-based nursing care with an emphasis on coordination of health care to individuals, groups, and populations in a variety of settings. This clinical experience will incorporate leadership, quality improvement, and utilization of healthcare systems. (F, Sp, Su IV)

**Course Type:** Clinical

**NURS 4513. Continuum of Complex Care (Degree Completion). 3 Credit Hours.**

Prerequisites: Admission to the RN-BSN or LPN-BSN program and completion of all first and second semester course requirements. This course focuses on the application and analysis of complex pathophysiology and pharmacotherapeutics of acute, restorative, and regenerative conditions. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4523. Building a Culture of Health Across the Lifespan III (Degree Completion). 3 Credit Hours.**

Prerequisites: Admission to the RN-BSN or LPN-BSN program and completion of all second semester requirements. This course focuses on the application and analysis of biobehavioral concepts related to acute, regenerative, and restorative care across the lifespan using a holistic perspective. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4531. Professional Practice: Health Assessment & Nursing Interventions III (Degree Comp). 1 Credit Hour.**

Prerequisites: Admission to the LPN-BSN program and successful completion of all second semester requirements. In this distance, asynchronous professional practice course, students continue to build and refine the psychomotor, cognitive, and affective skills, knowledge, and attitudes necessary to provide safe and effective acute, regenerative & restorative nursing care. (F, Sp, Su IV)

**Course Type:** Laboratory

**NURS 4532. Professional Practice: Simulation III (Degree Completion). 2 Credit Hours.**

Prerequisites: Admission to the LPN-BSN program, successful completion of all second semester required courses. In this on-campus clinical simulation course, students focus on the application of biobehavioral acute, regenerative, and restorative care across the lifespan, providing simulated patient care experiences. Students will continue to build on the refine psychomotor, cognitive, and affective skills, knowledge, and attitudes necessary to provide safe and effective nursing care. (F, Sp, Su IV)

**Course Type:** Laboratory

**NURS 4533. Professional Practice: Simulation III (Degree Completion). 3 Credit Hours.**

Prerequisites: Admission to the LPN-BSN program, successful completion of all second semester requirements. In this distance, asynchronous professional practice course, students focus on the application of biobehavioral acute, regenerative, and restorative care across the lifespan. Students will refine psychomotor, cognitive, and affective skills, knowledge, and attitudes necessary to provide safe and effective nursing care. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4613. Building a Culture of Health Across the Lifespan IV (Degree Completion). 3 Credit Hours.**

Prerequisites: Admission to the RN-BSN or LPN-BSN program and completion of all third semester courses. This course focuses on the synthesis and evaluation of concepts that influence health care delivery and optimal outcomes. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4623. Professional Nursing IV (Degree Completion). 3 Credit Hours.**

Prerequisites: Admission to the RN-BSN or LPN-BSN program and completion of all third semester courses. This course synthesizes and evaluates professional nursing concepts related to systems of care that impact individual and population health. (F, Sp, Su IV)

**Course Type:** Lecture

**NURS 4632. Professional Practice: Leadership Clinical (Degree Completion). 2 Credit Hours.**

Prerequisites: Admission to the RN-BSN program. In this distance professional practice course, students focus on leadership skills in professional nursing practice. (F, Sp, Su IV)

**Course Type:** Laboratory

**NURS 4816. Clinical Nursing IIIA. 6 Credit Hours.**

Prerequisites: Completion of all junior level nursing courses; Pre/Corequisites: NURS 3143, NURS 4034, NURS 4062, and NURS 4143 The focus is on patient-centered care of individuals across the lifespan with complex physiologic conditions, and families across the illness-wellness continuum. Students will function as participants within an interdisciplinary team, with emphasis on implementing advanced evidence-based practice, using informatics, and improving outcomes.

**Course Type:** Clinical

**NURS 4826. Clinical Nursing III. 6 Credit Hours.**

Prerequisites: NURS 3125; Co-requisite NURS 4034, NURS 4043, NURS 4143. The focus is on nursing care of individuals in the community and individuals with complex physiological and psychosocial conditions that require advanced nursing skills, emphasizing restoration from and adaptation to the illness crisis experience within the context of the family or social structure. Clinical experience will be in acute and community settings.

**Course Type:** Clinical

**NURS 4960. Directed Reading in Nursing. 1-4 Credit Hours.**

Individual guidance of a student's learning in a special area of interest in nursing. Designed to foster the identification of nursing problems, scope, ramifications and resolutions in delivery of current health care.

**Course Type:** Independent Study

**NURS 4980. Undergraduate Mentored Honors Research. 1-5 Credit Hours.**

Prerequisites: Nursing Honor Student Status. Enrolled in the OU Honors College. At least one semester of the baccalaureate program in nursing completed. May be repeated; maximum credit 5 hours. Students are integrated into Faculty member's research team with orientation and IRB training. Practicum experiences may include exploration of the literature, data collection, data-entry or data-analysis with mentor. Periodic discussion groups with research mentors serve to integrate literature, methodologies and practicum experiences.

**Course Type:** Lecture

**NURS 4990. Special Studies in Nursing. 1-4 Credit Hours.**

May be repeated; maximum credit 8 hours. A microscopic examination of factors in influencing and or promoting nursing care delivery in a multiparameter complex nursing situation. Students may select a clinical area of interest according to their long term professional goals.

**Course Type:** Independent Study

**NURS 5003. Application of Advanced Clinical Concepts in Care of Populations. 3 Credit Hours.**

Prerequisites: NURS 5313 Background for Nursing Practice; Pre/CO-Requisite: NURS 5093 Concepts of Pathophysiology & Pharmacology: A Case-Based Approach An online and practicum course focusing on the role of the nurse in providing care for various clinical populations. Aspects of patient-centered care will be addressed with emphasis on culture, health literacy, safety, quality improvement, healthcare technology/informatics, evidence-based practice, and interprofessional collaboration.

**Course Type:** Lecture

**NURS 5013. Pharmacology for Advanced Practice Nurses. 3 Credit Hours.**

Prerequisites: Permission of Instructor. The course will explore the basis for understanding the use of pharmacotherapeutic agents, building upon an existing foundation in pathophysiology, pharmacology and assessment. Content will include categories of drugs for systems, therapeutic and adverse affects, indications for use, drug interactions and guidelines for advance practice nurses.

**Course Type:** Lecture

**NURS 5093. Concepts of Pathophysiology & Pharmacology: A Case-Based Approach. 3 Credit Hours.**

Prerequisites: Graduate Standing This course emphasizes analysis of common illnesses and patient experiences across the lifespan and trajectory of care. Case studies for selected alterations in health are used with emphasis on pathophysiological concepts and pharmacological interventions. This course does not meet requirements for prescriptive authority.

**Course Type:** Lecture

**NURS 5103. Leadership of Innovation in Complex Systems. 3 Credit Hours.**

Prerequisites: None A theory course that comprises study of the theories and models integral to the competency of innovation. Focus is upon critical evaluation and application of theories and models/frameworks drawn from the evolving and increasing body of nursing, business and organizational knowledge relevant to innovation.

**Course Type:** Lecture

**NURS 5123. Financial Management in Nursing. 3 Credit Hours.**

Prerequisites: Permission of faculty. This course provides an overview of health care economics and a foundation in financial management and related concepts for nurse leaders. The course builds upon basic principles of budgeting, economics and resource stewardship. The practicum provides a context for application of financial management components within the environment of the health care system. (F, Sp, Su I, II)

**Course Type:** Lecture

**NURS 5163. Foundation of Nursing Management Leadership. 3 Credit Hours.**

Prerequisites: NURS 5073 and NURS 5053 A theory course that builds the theoretical underpinnings for nursing management leadership practice. Focus is upon critical evaluation and application of theories, concepts and models/frameworks from nursing, business, management and organization sciences. Traditional management competencies are addressed from an advanced knowledge perspective. (Fall, Spring, & Summer I)

**Course Type:** Lecture

**NURS 5173. Essentials of Nursing Administration Leadership. 3 Credit Hours.**

Prerequisites: NURS 5073; NURS 5053; NURS 5163 Co-requisites: NURS 5033 This theory course builds the theoretical underpinnings for the practice of nursing administration leadership in complex organizations and systems. A major focus is on critical evaluation and utilization of theories, concepts and models/frameworks from nursing and related fields of business, leadership, organizations and administrative sciences.

**Course Type:** Lecture

**NURS 5183. Nursing Administration Synthesis and Practicum I. 3 Credit Hours.**

Prerequisites: NURS 5173, NURS 5123, NURS 5423. In this course, through facilitation of synthesis of advanced knowledge base from completion of pathway courses and practicum experiences, students are prepared as healthcare leaders. Synthesis is augmented in practicum through design of a rigorous evidence-based/best practice/quality improvement project. (F, Sp, Su II)

**Course Type:** Lecture

**NURS 5193. Nursing Administration Synthesis and Practicum II. 3 Credit Hours.**

Prerequisites: NURS 5183. This course will build upon NURS 5183 Practicum I through continuation of practicum and through continuation of practicum objectives. Synthesis of prior program content is augmented through implementation and evaluation of a rigorous evidence-based/best practice/quality improvement project. (F, Sp, Su II)

**Course Type:** Lecture

**NURS 5214. Curriculum, Assessment and Evaluation in Nursing Education. 4 Credit Hours.**

Prerequisites: Permission of Instructor An online course on curricula, student and program assessment, and student and program evaluation in nursing education programs. Includes a discussion of curriculum and evaluation models in both academic nursing education and professional nursing staff development.

**Course Type:** Lecture

**NURS 5223. Creating a Healthy Work Environment. 3 Credit Hours.**

Prerequisites: By permission of faculty. This course provides an overview of the issues associated with a health work environment and leader's role in the creation of a health, just, and safe work environment. Learners will be introduced to a holistic view of safety and health including physical, psychological, and emotional safety components. (Intersession I, II)

**Course Type:** Lecture

**NURS 5253. Facilitating Learning in Nursing. 3 Credit Hours.**

Prerequisites: Permission of Instructor An online course with a teaching practicum focusing on teaching and learning strategies in nursing education. Classroom, technology-based and clinical teaching strategies are included. The course practicum objectives are tailored to students' career path in either academic nursing education or professional nursing staff development.

**Course Type:** Lecture

**NURS 5263. Testing and Evaluation in Nursing Education. 3 Credit Hours.**

Prerequisites: Permission of Instructor A theory course which examines testing and evaluation in nursing education. Assessment of the cognitive, affective and psychomotor abilities of nursing students in addressed. Practical experience in test construction and analysis is provided. Issues related to evaluation such as test anxiety and academic integrity are discussed.

**Course Type:** Lecture

**NURS 5273. Scholarly Writing for Nurses. 3 Credit Hours.**

Prerequisites: None The course introduces basic elements of technical writing, Spelling, grammar, punctuation, organization, elements of style, and other aspects and uses of written language are discussed. Specific types of technical writing are considered including dissertations and theses, abstracts, journal articles, and grant applications. Didactic presentations alternate with practical writing and assignments.

**Course Type:** Lecture

**NURS 5313. Background for Nursing Practice. 3 Credit Hours.**

Prerequisites: Permission of Instructor This course provides a foundation for the master's prepared nurse by integrating scientific findings from nursing, biopsychosocial fields, genetics, public health, policy and organizational sciences across diverse settings.

**Course Type:** Lecture

**NURS 5333. Technology, Safety, and Quality Improvement in Nursing. 3 Credit Hours.**

Prerequisites: Permission of Instructor This course will prepare students to evaluate and utilize information and communication technologies to enhance quality improvement methods to promote safe, timely and effective patient-centered care.

**Course Type:** Lecture

**NURS 5373. Organizational and Systems Leadership in Nursing. 3 Credit Hours.**

Prerequisites: NURS 5313 Background for Nursing Practice or concurrent enrollment This course provides foundational content of managerial leadership, organizational theory and principles of economics and finance, and health policy and advocacy.

**Course Type:** Lecture

**NURS 5423. Evidence Based Practice and Scholarship in Nursing. 3 Credit Hours.**

Prerequisites: NURS 5313 Background for Practice in Nursing The course prepares the student to challenge current practices, procedures, and policies by seeking evidence nursing practice; thereby translating current evidence (research) and identifying gaps in knowledge; students will locate current evidence, critically appraise peer-reviewed studies, and synthesize the evidence to formulate recommendations for practice.

**Course Type:** Lecture

**NURS 5563. Management in Adult Primary Care. 3 Credit Hours.**

Prerequisites: Selected as ANP student, NURS 5633, Pre or Co-Requisite PATH 5503 or permission of instructor. A didactic course focusing on adolescent and adult development, normal physiologic changes in aging, age/developmental stage appropriate screenings/health promotion/disease prevention and select episodic illnesses. Diagnostic reasoning, critical thinking, select models/theories and EBP guidelines will be foundational.

**Course Type:** Lecture

**NURS 5573. Management in Adult Primary Care Practicum. 3 Credit Hours.**

Prerequisites: Concurrent with NURS 5563 Management in Adult Primary Care or permission of instructor. Clinical course (182 clock hours of practicum/clinical) focusing on relevant health history, physical examinations (complete, system, and symptom-specific), relevant psychomotor skills for adolescents and adults. Clinical precepted experiences will be in private practices, clinics, and occupational settings.

**Course Type:** Clinical

**NURS 5583. Management in Adult Chronic Disease. 3 Credit Hours.**

Prerequisites: NURS 5563 and NURS 5573; concurrent NURS 5593; Prereq or concurrent with NURS 5013 or permission of instructor. A didactic course focusing on the diagnosis and management of chronic, multi-system and urgent/emergent conditions incorporating secondary and tertiary prevention for adolescents and adults. Diagnostic reasoning, critical thinking, select models/theories and EBP will be foundational. Issues related to settings and use of e-health will be explored.

**Course Type:** Lecture

**NURS 5593. Management in Adult Chronic Disease Practicum. 3 Credit Hours.**

Prerequisites: Concurrent will NURS 5583 or permission of the instructor. A clinical course focusing on care of the adolescent and adult with chronic, multi-system conditions, or urgent/emergent conditions. Select psychomotor skills will be performed. Clinical precepted experiences will be in primary care, hospital, and home care and the use of e-health.

**Course Type:** Clinical



**NURS 5643. Advanced Concepts in Adult/Gerontology Nursing I. 3 Credit Hours.**

Prerequisites: 5913 Clinical Nurse Specialist Systems Management Hybrid on-line/in class course examines theory, research, and management of common acute and chronic health problems (including health promotion and risk reduction) across the lifespan (adolescence through older adult) and across health care settings. Direct care, consultation, systems leadership, collaboration, coaching, and research competencies of the CNS are explored.

**Course Type:** Lecture

**NURS 5653. Advanced Concepts in Adult/Gerontology Nursing II. 3 Credit Hours.**

Prerequisites: Adv Practicum in Adult/Gero I; Adv Concepts in Adult/Gero I This hybrid web-based/in class course builds upon Advanced Concepts in Adult/Gerontology Nursing I. Focus is on pathophysiologic and psychosocial responses associated with the disruption of neurological, hematological, immunological, digestive, hepatic systems, and sepsis across the lifespan (late adolescent through old-old adults). Competencies of the CNS will be further explored.

**Course Type:** Lecture

**NURS 5663. Gerontological Management in Primary Care. 3 Credit Hours.**

CO-requisites: Concurrent NURS 5673 Didactic course exploring developmental/physiologic changes of aging and age/developmental stage appropriate screenings/health promotion/disease and injury prevention. Foci include functional, cognitive/mental assessments, sensory/communication changes, functional patterns, injury/safety assessments, pain, and poly-pharmacy. Select conditions are compared to presentation/management of younger adults. Cultural variations of aging, institutional-based and palliative care are explored.

**Course Type:** Lecture

**NURS 5673. Gerontological Management in Primary Care, Practicum. 3 Credit Hours.**

CO-requisite: NURS 5663 A clinical course focusing on aging health history, physical examination, relevant psychomotor skills, various assessments and aging related phenomena. Select episodic illnesses, chronic conditions will be managed. Clinical precepted experiences will be primary care settings, home care, hospice, long-term care facilities, skilled nursing facilities and other specialty experiences.

**Course Type:** Clinical

**NURS 5680. Adult Nurse Practitioner Preceptorship. 3 Credit Hours.**

Prerequisites: NURS 5563, NURS 5573, NURS 5583, NURS 5593, NURS 5663, NURS 5673 or permission of the instructor. A clinical course focused on providing care to adolescents and adults, synthesizing and integrating management of those who are healthy and those with episodic illnesses, chronic conditions, geriatric syndromes, multisystem conditions and/or urgent/emergent conditions over time and across settings.

**Course Type:** Lecture

**NURS 5763. Advanced Practicum in Adult/Gerontology Nursing I. 3 Credit Hours.**

Prerequisites: NURS 5913 CNS Systems Management Practicum with direct interaction with patients and families to promote health, well-being, and/or improve quality of life. Experiences focus on advanced nursing management of health, illness, and disease states across the lifespan from late adolescents through frail and old-old adults, in all contexts of care using a holistic approach.

**Course Type:** Practicum

**NURS 5773. Advanced Practicum in Adult/Gerontology Nursing II. 3 Credit Hours.**

Prerequisites: Adv. Practicum in Adult/Gero I; Adv Concepts in Adult/Gero I This practicum builds on development of CNS role competencies with emphasis on management of increasingly complex adult and gerontology patients, groups of patients, and transitions of care across various settings. Emphasis includes neurological, hematological, immunological, digestive and hepatic problems, sepsis, and common mental health disorders (including pharmacological management).

**Course Type:** Practicum

**NURS 5813. Interdisciplinary Geriatric Care. 3 Credit Hours.**

Cross listed: AHS 5813, PHSC 5813, GERC 5813. Prerequisite: By Permission. This course is an introduction to interdisciplinary and multidisciplinary approaches to health care of the elderly. It shows the importance of working together and how team work will benefit the patient. It considers current issues in geriatric care and how different professions can interact for better patient care.

**Course Type:** Lecture

**NURS 5913. Clinical Nurse Specialist Systems Management. 3 Credit Hours.**

Prerequisites: NURS 5633 or concurrent This introductory course combines on-line and clinical practicum experiences to introduce the student to the role and functions of the CNS in the systematic delivery of advanced practice nursing within complex organizations and systems of care.

**Course Type:** Clinical

**NURS 5924. Leadership and Scholarship in Nursing Education. 4 Credit Hours.**

Prerequisites: NURS 5253: Nurs 5214; or Permission of Instructor An online and practicum course focusing on career development, leadership and scholarship in nursing education. In this capstone course the students practice educational roles consistent with their career path as either an academic nurse educator or a professional staff development educator.

**Course Type:** Lecture

**NURS 5944. Synthesis In Nursing For The Clinical Specialist. 4 Credit Hours.**

Prerequisites: Concepts in Adult/Gero Nursing II and Practicum in Adult/Gero Nursing II This combined didactic and practicum course focuses on professional role development and transition into the CNS role. Clinical experiences focus on the adult-gerontology population within a selected specialty area or future practice setting in order to gain advanced nursing or additional skills including prescribing medications.

**Course Type:** Lecture

**NURS 5953. Advanced Management Of Children & Adolescents I. 3 Credit Hours.**

A didactic course examining the concepts in the nursing, and medical management of phenomena concerning infants, children, and adolescents. this course will expand on development, developmental theories, and screening instruments. sexual and gynecological conditions of adolescents will be explored.

**Course Type:** Lecture

**NURS 5960. Directed Readings In Nursing. 1-4 Credit Hours.**

Prerequisites: None. May be repeated with change of content; maximum credit 4 hours. Exploration under faculty guidance or area of interest in nursing not specifically incorporated in formal courses.

**Course Type:** Independent Study

**NURS 5963. Advanced Management Of Children And Adolescents Practicum I. 3 Credit Hours.**

A practicum course in which students will demonstrate advanced proficiency in assessing, diagnosing and managing developmental, psychosocial, emotional, communication, cognitive variants and/or abnormalities of infants, children and adolescents. Select episodic illnesses, sexual and gynecological conditions will be assessed and managed.

**Course Type:** Practicum

**NURS 5973. Advanced Management Of Children And Adolescents II. 3 Credit Hours.**

A didactic course examining care for children with chronic illnesses and special needs, focusing on the appropriate age and developmental assessment, diagnoses (nursing and medical), management and evaluation. Issues relating to the impact of such conditions have on the family will be explored.

**Course Type:** Lecture

**NURS 5983. Advanced Management Of Children & Adolescents Practicum II. 3 Credit Hours.**

A clinical practicum course focusing on children with chronic illnesses and special needs, including assessment (individual and/or family), diagnoses (medical and nursing), and management of select phenomena. Collaborative management will be emphasized, with children and adolescents.

**Course Type:** Clinical

**NURS 5990. Special Studies In Nursing. 1-4 Credit Hours.**

May be repeated; maximum credit 8 hours. One or more students collaborate in clinical investigations and other studies of special problems in nursing and health care under the direction of the faculty. Students may select areas related to their long-term interests and future research or clinical programs.

**Course Type:** Independent Study

**NURS 5994. School Based Health Care. 4 Credit Hours.**

A didactic and clinical practicum course focusing on health education, promotion and health care needs (primary and chronic) of children and adolescents in school settings.

**Course Type:** Lecture

**NURS 6101. Responsible Conduct of Research. 1 Credit Hour.**

Prerequisites: None Explores a variety of ethical and policy issues pertinent to the responsible conduct of research. Analysis and application of topics that include conflict of interest, responsible authorship, policies for handling misconduct, data management data sharing, and policies involving use of human and animal subjects.

**Course Type:** Lecture

**NURS 6103. Philosophy of Science and Ways of Knowing. 3 Credit Hours.**

Prerequisites: Graduate standing or permission of instructor. Analysis and evaluation of the history and philosophy of science and epistemology that provides the basic framework for clinical science and defines the role and expectations of a doctorally prepared researcher. Contemporary theories will guide focus and approaches for scientific inquiry with specific focus on nursing science. (F I)

**Course Type:** Lecture

**NURS 6113. Quantitative Methods in Research. 3 Credit Hours.**

Prerequisites: Basic Statistics course: NURS 6102 Roles and Responsibilities of the Nurse Scientist; NURS 6103 Philosophy of Science This required core course enables the PhD student to select appropriate designs to achieve specific research aims. Students build on earlier knowledge of research methods by in-depth examination of varied research designs, data collection, methods, and psychometric evaluation of instruments.

**Course Type:** Lecture

**NURS 6123. Applied Statistics I. 3 Credit Hours.**

Prerequisites: A course in basic statistics. Admission to Nursing PhD or DNP Program, or permission of instructor. Advanced conceptual understanding and applied statistical techniques to answer questions relevant to nursing. Students review assumptions underlying specific analyses, perform and interpret output from descriptive and inferential statistical analyses using statistical software, determine appropriate statistical approaches to answer research questions, develop sound analysis plan based on type of data collected.

**Course Type:** Lecture

**NURS 6153. Foundations of Scientific Inquiry. 3 Credit Hours.**

Prerequisites: Graduate standing or permission of the instructor. This course provides an overview of methods of scientific inquiry and prepares students to critically analyze the rigor of research reports by applying the fundamental principles of quantitative and qualitative research. (Fall I)

**Course Type:** Lecture

**NURS 6213. Qualitative Methods in Research. 3 Credit Hours.**

Prerequisites: NURS 6102 Roles and Responsibilities of the Nurse Scientist; NURS 6203 Epistemology in Nursing Science (or concurrent enrollment) This required core course enables the PhD student in nursing to examine philosophical foundations for and methodological issues in using qualitative approaches for research, evaluate validity, reliability, and methodological rigor using qualitative approaches. A research project for a problem that is best addressed using a qualitative approach will be developed.

**Course Type:** Lecture

**NURS 6223. Applied Statistics II. 3 Credit Hours.**

Prerequisites: Applied Statistics I or permission of instructor Advanced conceptual and applied use of statistical techniques. Students review assumptions underlying specific approaches, perform and interpret output from analyses completed using statistical software, determine appropriate statistical approach to answer defined research questions relevant to nursing, an apply ANOVA and multiple regression models.

**Course Type:** Lecture

**NURS 6233. Scientific Writing for Publication. 3 Credit Hours.**

Prerequisites: Students in PhD in Nursing Program, Graduate status or special permission of instructor. A writing-intensive course designed for graduate students in the health sciences to refine authorship skills. Emphasizing the communication of scientific information, arguing propositions, and organizing writing in a logical flow, various forms of papers and venues for publication are addressed. Students will draft a paper in a publication format.

**Course Type:** Lecture

**NURS 6300. Research Practicum. 1-6 Credit Hours.**

Prerequisites: NURS 6153 Foundations of Scientific Inquiry or permission of Instructor. Completion of CITI Group 3 and Provost-required CITI-Responsible Conduct of Research. May be repeated; maximum credit 30 hours. This research practicum provides the student experience in the conduct of research and the dissemination of research findings. Students develop an individualized learning contract for the research experience under guidance of a nursing faculty member. This course is taken over at least 2 semesters, 1-6 credits per semester. (F, SP, SU I, II, III)

**Course Type:** Practicum

**NURS 6302. Advancing Health Equity in Diverse Populations. 2 Credit Hours.**

Prerequisites: Acceptance into graduate-level program or permission of the instructor. Examines factors associated with health and healthcare inequities. Using an ecological approach, the course explores social determinants of health and embodied connections that exist between people, politics, environments/ecologies, and health to elucidate and alter who and what drives population rates of disease and health inequities. (S, I)

**Course Type:** Lecture

**NURS 6313. Research Measurement and Instrumentation. 3 Credit Hours.**

Prerequisites: 3 credit hours Graduate Statistics, Ethics in Research/Scholarship, Epistemology in Nursing Science courses. A course in research instrumentation presenting modern and classical psychometrics for research studies from the perspective of item response theory. Reliability and validity are emphasized in evaluation of item and scale characteristics. Examples from nursing research are used.

**Course Type:** Lecture

**NURS 6323. Special Focus in Applied Statistics:. 3 Credit Hours.**

Prerequisites: NURS 6123 Applied Statistics, NURS 6223 Applied Statistics II (or equivalent course). May be repeated; maximum credit 9 hours. Intensive focus of specific statistical analytic approaches relevant to nursing with application and interpretation of statistical output. Topic area varies depending on faculty expertise and student dissertation needs. Includes analysis of data sets and interpretation of outcomes from designated statistical approaches. May be repeated with change of focus.

**Course Type:** Lecture

**NURS 6401. Grant Writing Seminar. 1 Credit Hour.**

Prerequisites: Completion of Nursing Science core courses NURS 6113, NURS 6213, NURS 6402; can take concurrently with prospectus development. This required course provides research training that moves beyond achievement of dissertation aims. Inclusion of grantsmanship principles and skills in the doctoral program curriculum helps to prepare graduating PhD students in nursing to compete successfully for grant funding to carry on scholarly investigations.

**Course Type:** Lecture

**NURS 6402. Community Engagement in Research with Diverse Populations. 2 Credit Hours.**

Prerequisites: NURS 6303 Vulnerability and Disparity in Diverse Populations or By Permission of Instructor. Issues and approaches for implementing community engagement in research with diverse populations. Social, cultural factors affecting health among sub-populations are explored. How constructs and meaning of race, ethnicity, social class, language, culture affect clinical research in addressing health disparities. Examples of community-centered participation in research and publications are discussed.

**Course Type:** Lecture

**NURS 6423. Special Focus in Qualitative Methods. 3 Credit Hours.**

Prerequisites: NURS 6213 Qual Methods in Res or Permission of Instructor. May be repeated with change of focus. May be repeated; maximum credit 9 hours. In-depth focus on specific qualitative research method and analytic approach relevant to nursing. Topic varies depending on faculty expertise and student dissertation needs. Theoretical underpinnings, project planning and implementation, sampling, data management issues and techniques are examined with emphasis on analysis, application, and interpretation of findings within healthcare context.

**Course Type:** Lecture

**NURS 6502. Prospectus Seminar. 2 Credit Hours.**

Prerequisites: NURS 6113 Quant Meth in Res; NURS 6213 Qual Meth in Res. This required core course assists the PhD student in nursing to develop, justify and refine the dissertation prospectus through sharing and feedback from faculty and other students. (Summer, Fall & Spring II, III)

**Course Type:** Lecture

**NURS 6513. Translational Science for Practice. 3 Credit Hours.**

Prerequisites: Graduate standing or permission of the instructor. A survey of biobehavioral approaches for studying the pathogenesis of disease related to health inequities and embodied phenotypes. Emphasis is on the translation of knowledge based on proof-of-concept studies in animals and application of physiological methods and person-centered data analytic techniques to characterize individual differences in emerging embodied phenotypes. (F, SP II)

**Course Type:** Lecture

**NURS 6943. Issues in Aging. 3 Credit Hours.**

Prerequisites: Graduate Status or special permission of instructor. May be repeated; maximum credit 9 hours. Substantive online focus course for masters and doctoral students requiring current knowledge in key factors affecting geriatrics. Topic varies depending on faculty expertise and student dissertation needs. Modules addressing physiological, pharmacological, cognitive, and geropsychiatric factors affecting aging in place.

**Course Type:** Lecture

**NURS 6960. Directed Readings in Nursing Science:. 1-6 Credit Hours.**

Prerequisites: None. May be repeated with variable topics and content; multiple enrollment allowed in same term, maximum credit 9 hours. Intensive directed readings in a specific area of interest. Individually tailored for each student with extensive directed readings in a specific area of the student's interest and /or background.

**Course Type:** Independent Study

**NURS 6980. Dissertation Research. 2-21 Credit Hours.**

Prerequisites: Admission to Candidacy May be repeated; maximum credit 21 hours. Students conduct original research.

**Course Type:** Independent Study

**NURS 6990. Special Studies in Nursing Science:. 1-4 Credit Hours.**

Prerequisites: None May be repeated; maximum credit 9 hours. Contemporary theoretical issues; significant research developments or special research ideas studied under the direction of the faculty. Students may select areas related to their research topics, substantive area or selected methodologies. May be repeated with change of subject matter; maximum credit 9 hours.

**Course Type:** Lecture

**NURS 7003. Primary Health Care in the Family - FNP II Practicum. 3 Credit Hours.**

Prerequisites: NURS 5633 Advanced Health/Physical Assessment & Diagnostic Reasoning; NURS 5313 Background for Nursing Practice; NURS 7012 Diagnostic Methods and Primary Care Procedures; NURS 5013 Pharmacology for Advanced Practice; PATH 5503 Applied Principles of Pathology; NURS 7002 FNP I. A clinical practicum focusing on the assessment, diagnosis, management and evaluation of infants, children, childbearing women and adults with an emphasis on the management of complex acute health problems. Health promotion and prevention strategies are incorporated.

**Course Type:** Practicum

**NURS 7012. Diagnostic Methods and Primary Care Procedures. 2 Credit Hours.**

Prerequisites: NURS 5313 Background for Nursing Practice; NURS 5633 Advanced Health/Physical Assessment and Diagnostic Reasoning. This course prepares advanced practice students to apply current evidence based practices in the interpretation and management of information from select diagnostic tests and laboratory procedures used in the primary care setting.

**Course Type:** Lecture

**NURS 7013. Primary Health Care in the Family - FNP II Didactic. 3 Credit Hours.**

Prerequisites: NURS 5633 Advanced Health/Physical Assessment & Diagnostic Reasoning; NURS 5313 Background for Nursing Practice; NURS 5XXX Diagnostic Methods and Primary Care Procedures; NURS 5013 Pharmacology for Advanced Practice; PATH 5503 Applied Principles of Pathology; NURS XXX Primary Health Care in the Family - FNP I. Family theory-based course focusing on the delivery of health services to individuals across the life span. Emphasizes the management of common acute health problems of diverse populations. Promotes critical thinking and diagnostic reasoning skills for clinical decisions. Integrates knowledge of physical assessment, pathophysiology and pharmacology.

**Course Type:** Lecture

**NURS 7023. Primary Health Care in the Family - FNP III Practicum. 3 Credit Hours.**

Prerequisites: NURS 7013 Primary Health Care in the Family-FNP II Didactic and NURS 7003 Primary Health Care in the Family-FNP II Practicum. A clinical practicum focusing on the assessment, diagnosis, management and evaluation of infants, children, childbearing women and adults with an emphasis on the management of complex chronic health problems. Health promotion and prevention strategies are incorporated. (Fall III)

**Course Type:** Clinical

**NURS 7033. Primary Health Care in the Family - FNP III Didactic. 3 Credit Hours.**

Prerequisites: NURS 5633 Adv. Health/Physical Assessment and Diagnostic Reasoning; NURS 5013 Pharmacology for Advanced Practice; PATH 5503 Applied Princ. of Pathology; NURS 7012 Diagnostic Methods and Primary Care Procedures; NURS 7002 FNP I; NURS 7013 FNP II Didactic; NURS 7033 FNP II Practicum. Family theory-based course focusing on delivery of health services to individuals across the life span. Emphasizes management of chronic health problems of diverse populations. Refines critical thinking and diagnostic reasoning skills for clinical decisions. Synthesizes knowledge of physical assessment, pathophysiology and pharmacotherapeutics.

**Course Type:** Lecture

**NURS 7043. Pharmacology for Advanced Practice Nurses. 3 Credit Hours.**

Prerequisites: Permission of Instructor. The course will explore the basis for understanding the use of pharmacotherapeutic agents, building upon an existing foundation in pathophysiology, pharmacology and assessment. Content will include categories of drugs for systems, therapeutic and adverse affects, indications for use, drug interactions and guidelines for advance practice nurses. (Spring I)

**Course Type:** Lecture

**NURS 7045. Primary Health Care in the Family - FNP IV. 5 Credit Hours.**

Prerequisites: NURS 5833 Advanced Health Assessment; NURS 5843 Primary Health Care for Children; NURS 5853 Primary Health Care for Children Practicum; NURS 5503 Applied Principles of Pathology; NURS 5013 Pharmacology for Advanced Practice Nursing; NURS 7012 Diagnostic Methods and Primary Care Procedures; NURS 7002 FNP I; NURS 7013 FNP II Didactic; NURS 7033 FNP II Practicum; NURS FNP II Practicum; NURS 7024 FNP III Practicum. A clinical preceptorship focusing on attainment of the nurse practitioner role, reflecting independent and collaborative practice to promote expertise in assessment, diagnosis (nursing & selected medical), management and evaluation of primary health care for clients across the lifespan.

**Course Type:** Practicum

**NURS 7062. Nurse Practitioner Roles and Practice Management. 2 Credit Hours.**

Prerequisites: NURS 7013 Primary Health Care in the Family-FNP II Didactic; NURS 7003 Primary Health Care in the Family-FNP II Practicum. A capstone seminar role course focusing on demonstrating competence as a nurse practitioner in three domains and associated competencies: developing and implementing the NP role, managing and negotiating the health care delivery systems, and monitoring and ensuring the quality of health care services. (Spring III)

**Course Type:** Lecture

**NURS 7073. Primary Health Care in the Family - FNP I. 3 Credit Hours.**

Prerequisites: NURS 7XX3 Advanced Physical/Health Assessment & Diagnostic Reasoning & NURS 8003 Background and Scientific Underpinnings for Advanced Nursing Practice. The course focuses on the delivery of health promotion and primary disease prevention to diverse populations across the lifespan. Population health concepts and primary and secondary prevention interventions based on national guidelines are discussed. (Spring I)

**Course Type:** Lecture

**NURS 7103. Systems Management for the Clinical Nurse Specialist. 3 Credit Hours.**

Prerequisites: NURS 8003 Background & Scientific Underpinnings; NURS 8123 Information Systems & Technologies for Healthcare Transformation; NURS 8343 Organizational and Systems Leadership for Quality Improvement & Patient Safety; NURS 8XX3 Advanced Health/Physical Assessment and Diagnostic Reasoning; PATH 8XX3 Applied Principles of Pathology. This course introduces students to the role and functions of the CNS in the systematic delivery of advanced practice nursing within complex organizations and across systems of care. Competencies and components of the role of the CNS are explored in the care of patients across the lifespan. (Spring I)

**Course Type:** Lecture



**NURS 7113. Advanced Concepts in Adult/Gerontology Nursing I. 3 Credit Hours.**

Prerequisites: NURS 7103 Systems Mgmt. for the CNS; NURS 5103 Pharmacology for Adv. Pract Nurses. This course facilitates development of the knowledge and skills necessary to care for adults (18-years through geriatric) across the lifespan. The course focuses on the role of the CNS in managing care for adults with acute and chronic complex health problems associated with cardiovascular, pulmonary, renal and multisystem disorders. (Fall II)

**Course Type:** Lecture

**NURS 7123. Advanced Practicum in Adult-Gerontology Nursing I. 3 Credit Hours.**

Prerequisites: NURS 7103 System Mgmt. for the CNS; NURS 5103 Pharmacology for Adv. Pract Nurses. Practicum with direct interaction with patients and families to promote health, well-being, and improved quality of life. Experiences focus on advanced nursing assessment and management of health, illness, and disease across the lifespan from late adolescence through older adults, in all contexts of care using a holistic approach. (Fall II)

**Course Type:** Practicum

**NURS 7133. Advanced Concepts in Adult-Gerontology Nursing II. 3 Credit Hours.**

Prerequisites: NURS 7113 Adv. Concepts in Adult-Gerontology Nurs I; NURS 7123 Adv. Practicum in Adult/Gerontology I. Students examine the epidemiology, pathophysiology, physical and psychosocial responses associated with disease and illness in adults and older-adults. An evidence-based approach to advanced nursing management is emphasized. Psychosocial/behavioral, neurologic, hematologic, immunologic, gastrointestinal, and endocrine disorders commonly encountered by adults are covered and competencies of the CNS are explored. (Fall III)

**Course Type:** Lecture

**NURS 7143. Advanced Practicum in Adult/Gerontology Nursing II. 3 Credit Hours.**

Prerequisites: NURS 7113 Advanced Concepts Adult/Gerontology I; NURS 7123 Advanced Practicum Adult/Gerontology I. This practicum builds on developing the CNS role competencies with emphasis on management of increasingly complex adult and gerontology patients, groups of patients, and transitions of care across various settings. Focus is on experiences in caring for patients with neurological, hematological, immunological, cognitive, and gastrointestinal disorders. (Fall III)

**Course Type:** Clinical

**NURS 7153. Advanced Physical/Health Assessment & Diagnostic Reasoning. 3 Credit Hours.**

Prerequisites: NURS 8003 Background and Scientific Underpinnings for Adv. Nursing Practice. A lecture and laboratory course providing a theoretical basis for health assessment and interpretation of findings for individuals across the lifespan; requiring demonstration of psychomotor skills and select diagnostic tests with interpretation of findings relevant to the advanced practice of nursing. (Fall I)

**Course Type:** Lecture

**NURS 7154. Synthesis in Nursing. 4 Credit Hours.**

Prerequisites: NURS 7133 Advanced Concepts Adult/Gerontology II; NURS 7143 Advanced Practicum Adult Gerontology Nursing II. This didactic and clinical course focuses on continued development of the competencies of the Adult Gerontology Clinical Nurse Specialist. Content is directed toward professional role development and transition to advanced practice nursing including concepts of certification, licensure, prescriptive authority, credentialing, privileging, and reimbursement. (Spring III)

**Course Type:** Lecture

**NURS 7163. Advanced Neonatal CNS Practicum I. 3 Credit Hours.**

NURS 7153 Advanced Neonatal Physical Assessment; NURS 7XX3 Neonatal/Infant Pathophysiology and Diagnostics, NURS 7XX3 Pharmacology for Neonatal APRNs, NURS 7103 Systems Management for the Clinical Nurse Specialist. Clinical course with direct interaction with patients and families to promote health, well-being, and improved quality of life. Experiences focus on advanced nursing assessment, recognition, and management of health, illness, and disease states stemming from prenatal, perinatal, and postnatal factors, in all contexts of care using a holistic approach. (Sp II)

**Course Type:** Clinical

**NURS 7173. Advanced Neonatal Concepts I. 3 Credit Hours.**

Prerequisites: NURS 7053 Advanced Neonatal Physical Assessment; NURS 7XX3 Neonatal/Infant Pathophysiology and Diagnostics II, NURS 7XX3 Neonatal Pharmacology for APRNs. The course will operationalize the CNS Standards of Professional Performance within the context of the patient/family and nursing/nursing practice. Experiences focus on how the CNS impacts care and practice in their immediate area of influence. (Sp II)

**Course Type:** Lecture

**NURS 7183. Advanced Neonatal CNS Practicum II. 3 Credit Hours.**

Prerequisites: NURS 7113 Advanced Concepts Adult/Gerontology I; NURS 7123 Advanced Practicum Adult/Gerontology I. This practicum builds on developing the CNS role competencies with emphasis on management of increasingly complex neonates/infants and their families, and developing evidence-based plans of care. (F III)

**Course Type:** Clinical

**NURS 7193. Advanced Neonatal Concepts II. 3 Credit Hours.**

Prerequisites: NURS 8XX3 Neonatal/Infant Pathophysiology and Diagnostics I; NURS 8XX3 Neonatal/Infant Pathophysiology and Diagnostics II; NURS 7XX3 Neonatal Pharmacology for APRNs; NURS 7XX3 Concepts I; NURS 7XX3 Practicum I. The course will operationalize the CNS Standards of Professional Performance within the context of the organizations/systems of care. Experiences focus on how the CNS impacts care and practice in the larger system or organization. (F II)

**Course Type:** Lecture

**NURS 7203. Influential Nurse Leader and Relationship Management. 3 Credit Hours.**

Prerequisites: None A theory course that builds the theoretical underpinnings for nursing executive leadership practice. Focus is on critical evaluation and application of theories, concepts, models, and frameworks from nursing, business, management and organization sciences. Traditional executive competencies are addressed from an advanced knowledge perspective. (Fall I)

**Course Type:** Lecture

**NURS 7204. Leading Strategic Change. 4 Credit Hours.**

Prerequisites: 7203 Influential Nurse Leadership and Relationship Management This course explores strategies to initiate, lead, sustain and evaluate change in complex organizations and systems with a focus on organizational analysis, strategic change, group dynamics, and individual and group motivation Practicum hours will be used to complete a comprehensive organizational assessment upon which change strategies are developed. (Fall I)

**Course Type:** Lecture

**NURS 7213. Leadership of Innovation in Complex Systems. 3 Credit Hours.**

Prerequisites: NURS 8003 Background & Scientific Underpinnings; NURS 7123 Information Systems and Technologies for Healthcare Transformation. This course facilitates critical synthesis and application of the concepts and theories integral to the processes of innovation, and explores the knowledge base requisite to provide leadership of innovation in the role of an executive nurse. Existing and emerging data and evidence to support innovation will be explored. (Spring I)

**Course Type:** Lecture

**NURS 7214. Financial Management in Nursing. 4 Credit Hours.**

Prerequisites: This lecture/discussion course with practicum provides a foundation in financial management and related concepts for nurse executives in various systems. The course builds upon principles of accounting and economics and provides a context for application of financial management components within the environment of health care. (Spring I)

**Course Type:** Lecture

**NURS 7223. Project Management in Healthcare Systems. 3 Credit Hours.**

Prerequisites: NURS 8003 Background & Scientific Underpinnings for Improvement of Nursing Practice; NURS 8123 Information Systems & Technologies for Healthcare Transformation. This course provides students with an overview of project management from the standpoint of a high level leader in the healthcare environment. Tools and concepts, such as project charters, scopes of work, workflow charting, and scheduling methodologies will be discussed. Students will be introduced to current project management software. (Fall III)

**Course Type:** Lecture

**NURS 7224. Nursing Executive Leadership Practicum. 4 Credit Hours.**

Prerequisites: By permission of instructor. This course is designed to prepare the student for practice as a nurse executive leader through application of theory and concepts. Clinical practice hours will be used by students to conceptualize this dynamic role as one who actively participates in charting the course of the organization or system. (Fall II)

**Course Type:** Practicum

**NURS 7233. Synthesis for Nurse Executive Leadership. 3 Credit Hours.**

Prerequisites: NURS 7224 Nurse Executive Leadership Practicum, NURS 7223 Project Management. This course facilitates synthesis of the advanced knowledge base derived from completion of nurse executive pathway courses. Synthesis is augmented through completion of a rigorous executive level evidence-based/best practice project. (Spring III)

**Course Type:** Lecture

**NURS 7302. Systems Interventions for Individuals and Groups for the APN. 2 Credit Hours.**

Prerequisites: NURS 7313 Advanced Psychiatric Nursing Assessment & NURS 7323 Neurobiology and Psychopharmacology. This course provides an overview of individual psychotherapeutic treatment and the basic tenets of individual and group therapy. Emphasis is on the development of empathy and therapeutic relationship through partnership, recovery-oriented principles, and integration of reflective practice. Evidence-based techniques are discussed including cognitive-behavioral therapy, motivational interviewing and mindfulness-based stress reduction. (Summer II, III, IV)

**Course Type:** Lecture

**NURS 7303. Role of the Psych/Mental Health NP in Health Promotion & Disease Prevention. 3 Credit Hours.**

Prerequisites: Permission of Instructor. Theoretical foundation for wellness, health promotion, disease prevention, patient advocacy, and behavioral modification for individuals, aggregates and populations. Environmental, socioeconomic, epidemiological, and cultural context of health behaviors are explored. Emphasis on collaborative interprofessional strategies and technology to promote health, reduce risk factors, improve health outcomes, and improve quality of care. (Fall I, II, III, IV)

**Course Type:** Lecture

**NURS 7304. Clinical Psychiatric Diagnostics & Mgmt Adults & Geriatrics Practicum. 4 Credit Hours.**

Prerequisites: NURS 7313 Advanced Psychiatric Nursing Assessment & NURS 7323 Neurobiology and Psychopharmacology. A clinical practicum that focuses on the assessment, diagnosis, treatment, management and evaluation of risk factors and mental health problems of adults and geriatrics across systems of care. (Fall II, III, IV)

**Course Type:** Clinical

**NURS 7312. Systems Interventions for Individuals and Groups for the APN Practicum. 2 Credit Hours.**

Prerequisites: NURS 7313 Advanced Psychiatric Nursing Health Assessment & NURS 7323 Neurobiology and Psychopharmacology. This course prepares the advanced practice psychiatric nurse to conduct psychotherapy by developing advanced skills for individual and group psychosocial therapeutics. (Summer III)

**Course Type:** Clinical

**NURS 7313. Advanced Psychiatric Nursing Assessment Across the Lifespan. 3 Credit Hours.**

Prerequisites: Permission of Instructor. This course introduces the diagnostic processes in mental health using DSM 5 diagnostic criteria and other mental health assessment tools while considering family, community, and cultural influences. This course familiarizes the student with the history of psychiatry and advanced practice psychiatric/mental health (PMH) nursing and explores diverse theoretical underpinnings. (SP I, II, III, IV)

**Course Type:** Lecture

**NURS 7314. Clinical Psychiatric Diagnostics & Mgmt Peds and Adolescent Practicum. 4 Credit Hours.**

Prerequisites: NURS 7313 Advanced Psychiatric Nursing Assessment Across the Lifespan & NURS 7323 Neurobiology and Psychopharmacology. A clinical practicum that focuses on the assessment, diagnosis, treatment, management and evaluation of risk factors and mental health problems of infants, children and adolescents across systems of care. (Spring II, III, IV)

**Course Type:** Clinical

**NURS 7323. Neurobiology and Psychopharmacology for the Psychiatric Nurse Practitioner. 3 Credit Hours.**

Prerequisites: NURS 7313 Advanced Psychiatric Nursing Health Assessment. This course prepares the advanced practice psychiatric nurse to prescribe psychotropic medication for patients across the lifespan. Themes in neuroscience, information processing, cognition, and behavior will be discussed in assessing the need for medication, selecting appropriate medications when indicated, genetics, medication rule-outs, baseline tests and safe monitoring. (SP I, II, III, IV)

**Course Type:** Lecture

**NURS 7333. Clinical Psychiatric Diagnostics & Management of Adults and Geriatrics. 3 Credit Hours.**

Prerequisites: NURS 7313 Advanced Psychiatric Nursing Assessment & NURS 7323 Neurobiology and Psychopharmacology. The course focuses on assessment, diagnosis, treatment, management and evaluation of mental health problems of adults and geriatrics across systems of care. Students apply developmental, family, interpersonal, neurobiological theories and research while taking into account cultural/spiritual considerations in the management of behavioral health problems of adults and geriatrics. (Fall II, III, IV)

**Course Type:** Lecture

**NURS 7343. Clinical Psychiatric Diagnostics & Management of Pediatrics and Adolescents. 3 Credit Hours.**

Prerequisites: NURS 7313 Advanced Psychiatric Nursing Assessment & NURS 7323 Neurobiology and Psychopharmacology. Focus is on assessment, diagnosis, treatment, management and evaluation of risk factors and mental health problems of infants, children, and adolescents across systems of care. Students apply developmental, family, interpersonal, attachment, and neurobiological theories and research, multifaceted treatment modalities, cultural and spiritual considerations in the management of behavioral health problems. (Spring II, III, IV)

**Course Type:** Lecture

**NURS 7353. Advanced Concepts in Quality & Safety. 3 Credit Hours.**

Prerequisites: NURS 8333 Healthcare Quality for Improved Outcomes. This course explores quality improvement in the context of the CNS role. Methodology and process/quality tools are examined in depth with a focus on engaging the interdisciplinary team in quality improvement in the clinical setting. Students are expected to complete each step of the process within their clinical setting. (Su III)

**Course Type:** Lecture

**NURS 7363. Synthesis for the Neonatal Clinical Nurse Specialist. 3 Credit Hours.**

Prerequisites: NURS 7103 Systems Management for the CNS; NURS 7XX3 Neonatal Concepts I; NURS 7323 Neonatal Practicum I; NURS 7XX3 Neonatal Concepts II; NURS Neonatal Practicum II. This combined didactic and practicum course focuses on professional role development and transition into the CNS role. Clinical experiences focus on the neonate up to 2 years of age within a selected specialty area or future practice setting in order to gain advanced nursing or additional skills including prescribing medications. (Sp III)

**Course Type:** Lecture

**NURS 7413. Advanced Neonatal Physical Assessment & Diagnostic Reasoning. 3 Credit Hours.**

Prerequisites: NURS 7XX3 Neonatal/Infant Pathophysiology and Diagnostics I is a CO-requisite course. This course is designed to develop students' knowledge of physical assessment of neonates/infants up to 2 years of age within the context of the advanced practice role. Focus is on the collection and interpretation of clinical data from the history and physical exam, maternal health record, and diagnostic interventions. (F I)

**Course Type:** Lecture

**NURS 7414. Pathophysiology for Neonatal APRNs. 4 Credit Hours.**

Prerequisites: Enrollment in Neonatal APRN Program. This course prepares students to examine concepts of embryology, genetics, physiology and pathophysiology from conception in the fetus, neonate, and infant. Normal fetal development and physiology of organ systems will be used as the foundation for understanding the pathophysiology of disease. (F I)

**Course Type:** Lecture

**NURS 7423. Pharmacology for Neonatal Advanced Practice Nurses. 3 Credit Hours.**

Prerequisites: Enrollment in NNP or NCNS program. The course will explore the basis for understanding the use of pharmacotherapeutic agents in the neonatal/infant population, building upon existing foundations in pathophysiology, pharmacology and assessment. Pharmacogenomics concepts are used to understand variations in drug responses and cultural implications in specific neonatal and infant groups. (Sp I)

**Course Type:** Lecture

**NURS 7433. Advanced Neonatal Nursing Theory I. 3 Credit Hours.**

Prerequisites: Admission to the Neonatal NP Program. Theory course focusing on the care of neonates with health alternations resulting from aberrant maternal physiologic conditions as well as complications resulting during the transition from intrauterine to extra-uterine life. Concepts of health promotion, health restoration, illness prevention, neonatal development will be covered. (Sp III)

**Course Type:** Lecture

**NURS 7443. Advanced Neonatal Nursing Practicum I. 3 Credit Hours.**

Prerequisites: NURS 7414, NURS 7413, NURS 7423, NURS 7453 and concurrent NURS 7433. This clinical course assists the student to develop and apply advanced neonatal assessment, clinical decision-making and management skills to common health alterations in at-risk neonates. (F II)

**Course Type:** Clinical

**NURS 7453. Advanced Neonatal Nursing Theory II. 3 Credit Hours.**

Prerequisites: Admission to the neonatal NP Program. This course prepares students in the care of neonates with complex, multi-system conditions, which require extensive nursing, medical, and surgical interventions. Student will synthesize their knowledge to develop a personal framework for advanced nursing practice that includes scientific knowledge, developmental care of the neonate, and family-centered, culturally appropriate care. (Sp II)

**Course Type:** Lecture

**NURS 7463. Advanced Neonatal Nursing Practicum II. 3 Credit Hours.**

Prerequisites: NURS 7414, NURS 7413, NURS 7423, NURS 7453, NURS 7433 Concurrent with NURS 7453. This final practicum course provides the student with an opportunity to apply knowledge related to neonatal assessment, clinical decision making, differential diagnosis, management and intervention in the acute care setting with high-risk infants and their families. (Sp II)

**Course Type:** Practicum

**NURS 7465. Advanced Neonatal Nurse Practitioner Practicum III. 5 Credit Hours.**

Prerequisites: NURS 7XX3 Pathophysiology for Neonatal APRNs I; NURS 7XX3 Advanced Neonatal Physical Assessment; NURS 7XXX Pathophysiology for Neonatal APRNs II; NURS 7XX3 Pharmacology for Neonatal APRNs; NURS 7XX3 Advanced Neonatal Nursing Practicum I; NURS 7XX3 Advanced Neonatal Practicum II; NURS 7XX3 Neonatal Nurse Practitioner Theory I; NURS 7XX3 Neonatal Nurse Practitioner Theory II and concurrent with NURS 7XX3 Neonatal Nurse Practitioner Theory III. Students continue to develop and apply advanced neonatal assessment, clinical decision-making and management skills to common health alterations in at-risk neonates. Students will assume a leadership role in the clinical setting and apply all skills/knowledge from doctoral program into this practicum experience. (F III)

**Course Type:** Practicum

**NURS 7473. Neonatal Nurse Practitioner Theory III. 3 Credit Hours.**

Prerequisites: Admission to the Neonatal NP Program. Students learn care of neonates with complex, multi-system conditions, which require extensive multidisciplinary interventions. Student will synthesize their knowledge to develop a personal framework for advanced nursing practice that includes scientific knowledge, developmental care, family-centered, culturally appropriate care for the doctorally prepared neonatal nurse practitioner. (F III)

**Course Type:** Lecture

**NURS 8003. Background & Scientific Underpinnings for Advanced Nursing Practice. 3 Credit Hours.**

Prerequisites: Enrollment in BSN-DNP Program. This course provides a foundation for advanced nursing practice by integrating scientific findings from nursing bio-psychological fields, genetics, public health, policy, and organizational sciences across diverse settings. Natural and social science theories are synthesized with nursing science to provide the context for health care delivery, outcomes, and advanced practice. (Summer, Fall, Spring I)

**Course Type:** Lecture

**NURS 8011. CNL Seminar: Role and Expectations. 1 Credit Hour.**

Prerequisites: None In this seminar course, students will examine the role of Clinical Nurse Leaders as lateral integrators and members of an interdisciplinary team. Emphasis is on discovering gaps in patient care, working with groups, and use of information systems and technology to implement the CNL role.

**Course Type:** Lecture

**NURS 8021. CNL Seminar: Outcomes Management. 1 Credit Hour.**

Prerequisites: None A seminar course focusing on the role of Clinical Nurse Leaders in improving clinical and cost outcomes in individuals and group within a unit or setting. Emphasis is on use of data and comparison of desired outcomes with national state, and institutional standards.

**Course Type:** Lecture

**NURS 8037. Clinical Nurse Leader (CNL) Residency. 7 Credit Hours.**

Prerequisites: NURS 5033; NURS 5053; NURS 5083; NURS 5073; NURS 5123; NURS 5633; NURS 8011; NURS 8021; NURS 8113 A clinical practicum course focusing on concentrated implementation and evaluation of the CNL role.

**Course Type:** Clinical

**NURS 8112. Scientific & Scholarly Foundations for Advanced Practices I. 2 Credit Hours.**

Prerequisites: Enrollment in doctoral program in nursing (DNP/PhD) This course examines the nature, patterns, forces, and strategies that affect theory development and scientific knowledge. Criteria to evaluate the validity and limitations of knowledge claims are explored within the framework of ethical practice. Theories are synthesized to provide the context for health care delivery, outcomes, and advanced practice. (Fall, Spring, & Summer I)

**Course Type:** Lecture

**NURS 8113. Research Methods. 3 Credit Hours.**

Prerequisites: NURS 8003 Background & Scientific Underpinnings in Adv. Nurs Practice. This course reviews scientific research methodology and quality of evidence needed to develop and test clinical interventions or clinical assessments while exploring the application of ethics in practice, factors affecting how studies are designed and controlled to reduce error, and how sampling choices affect the strength of the evidence. (Fall, Spring II)

**Course Type:** Lecture

**NURS 8122. Health Care Transformation through Technology. 2 Credit Hours.**

Prerequisites: Enrollment in doctoral program in nursing (DNP/PhD) Students will analyze and evaluate trends and practices in the use of information and patient care technology. Students will synthesize this information within the context of healthcare delivery strategic planning, informatics roles and marketing to enhance care delivery and patient outcomes.

**Course Type:** Lecture

**NURS 8123. Information Systems and Technologies for Health Care Transformation. 3 Credit Hours.**

Prerequisites: NURS Background & Scientific Underpinnings for Adv. Nurs Practice. This course will prepare students to evaluate and utilize information and communication technologies to enhance quality improvement methods to promote safe, timely and effective patient-centered care. (Summer, Fall, Spring I)

**Course Type:** Lecture

**NURS 8313. Economics and Finance in Health Care. 3 Credit Hours.**

Prerequisites: Enrollment in doctoral program in nursing (PhD/DNP). Explores concepts of accounting, finance, economics, marketing and strategic management. Will interpret financial documents, propose cost-effective health care solutions, address current trends in government regulations and affects on healthcare. Planned interventions focusing on cost-effectiveness/cost-efficiency and resource allocation are evaluated including the use of marketing to effect financial viability of healthcare.

**Course Type:** Lecture

**NURS 8323. Health Policy Local to Global. 3 Credit Hours.**

Prerequisites: Enrollment in doctoral program in nursing (DNP/PhD) Health policy making and policy agendas are explored. Health policy and the political context of health care delivery in local and global locations are analyzed. Analyses will address how health policy has influenced and changed health systems' structure and integrated history, science, community values, ideology, and culture in their development.

**Course Type:** Lecture



**NURS 8333. Healthcare Quality for Improved Outcomes. 3 Credit Hours.**

Prerequisites: NURS 6123 Applied Stats I; NURS 8112 and NURS 8114 Scientific and Scholarly Foundations for Advanced Practice I The course explores healthcare quality indicators driving patient safety mandates to improve outcomes within the context of evidenced based practice, historical development of healthcare quality and core measure indicators. Students have an opportunity to identify and define tools for speciality specific measures, promoting quality outcomes.

**Course Type:** Lecture

**NURS 8343. Organizational Behaviors, Health Care Systems & Leadership. 3 Credit Hours.**

Prerequisites: NURS 6123; NURS 8112; NURS 8114; NURS 8712; BSE 5113; NURS 6111; NURS 8313; NURS 8333; NURS 8722; & NURS 8732 Organizational behaviors and administrative/clinical leadership behaviors to attain staff accountability and patient and healthcare outcomes in complex systems are explored. Leadership skills and informatics competencies required for interprofessional/interdisciplinary collaboration to support patient safety and strategies to assure sound decision making and cost-effective practice initiatives are analyzed.

**Course Type:** Lecture

**NURS 8423. Evidence-based Practice and Translational Science in Nursing. 3 Credit Hours.**

Prerequisites: NURS 8003 Background & Scientific Underpinnings in Advanced Nursing Practice. The course prepares the student to challenge current practices, procedures, and policies by seeking evidence for nursing practice; thereby translating current evidence (research) and identifying gaps in knowledge; students will locate current evidence, critically appraise peer-reviewed studies, and synthesize the evidence to formulate recommendations for practice. (Fall & Spring I)

**Course Type:** Lecture

**NURS 8443. Organizational and Systems Leadership in Nursing. 3 Credit Hours.**

Prerequisites: Admission to graduate nursing program or permission of faculty. This course provides foundational content of managerial leadership, organizational theory, and principles of economics and finance, health policy and advocacy. Leadership and budgetary skills required for interprofessional collaboration in proposing solutions for complex organizational issues are analyzed. (Fall, Summer I)

**Course Type:** Lecture

**NURS 8712. Roles and Responsibilities of the Doctor of Nursing Practices. 2 Credit Hours.**

Prerequisites: Enrollment in doctoral program in nursing (DNP/PhD) Role socialization to responsibilities and activities of the practice doctorate in nursing. Career trajectories of nursing scholars achieving leadership roles in advanced practice. Roles of mentors, reference groups, organizations, collaborators, and networks. Expertise, careers and leadership trajectories of selected leaders are explored as role models for developing career plans.

**Course Type:** Lecture

**NURS 8730. Practice Inquiry I. 1-5 Credit Hours.**

Prerequisites: Enrollment in DNP Program. This course focuses on application of inquiry methods required to design a scholarly project for implementation in the practice setting of choice. Students will perform a needs assessment, develop a project proposal in this course that is ready for submission to the Institutional Review Board. (SP II)

**Course Type:** Practicum

**NURS 8740. Practice Inquiry II. 1-5 Credit Hours.**

Prerequisites: NURS 8730 & IRB approval for the Practice Inquiry project is required before enrolling. If IRB approval is pending, permission to enroll must be granted by program director. Students continue to work on the Quality Improvement Project that began in Practice Inquiry I. During the Practice Inquiry II course, student implement the quality improvement project and write a literature review. (F II)

**Course Type:** Practicum

**NURS 8800. Practice Inquiry III. 1-5 Credit Hours.**

Prerequisites: NURS 8730 and NURS 8740 Students continue to work on the Quality Improvement Project that began in Practice Inquiry I and II. During the Practice Inquiry III course, students analyze the project, write an abstract and manuscript and present the project. (Sp II)

**Course Type:** Practicum