

# NURSING (NUR)

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## **NUR 210 Fundamental Concepts in Nursing 3**

Introduction to fundamental concepts in nursing.

**Prerequisites:** Admission to NURS major.

## **NUR 210L Fundamental Concepts in Nursing Lab 1**

Lab experience related to the fundamental concepts in nursing.

**Prerequisites:** Admission to Nursing major.

## **NUR 220 Nursing Assessment of Well Individuals 2**

Introduction to basic nursing assessment of well individuals over the life span.

**Prerequisites:** Admission to NURS major. Pr. or Coreq.: NUR 210;

**Corequisites:** NUR 220L.

## **NUR 220L Nursing Assessment of Well Individuals Lab 1**

Introduction to basic nursing assessment of well individuals over the life span. Laboratory and clinical activities encourage development of skills in interviewing, physical examination, and documentation of information.

**Prerequisites:** Admission to NURS major. Pr. or Coreq.: NUR 210;

**Corequisites:** NUR 220.

## **NUR 302 Health Assessment for ABSN Students 3**

Introduction to basic nursing assessments of adults. Activities encourage development of skills in interviewing, physical examination, and documentation of information. This course is for ABSN students.

**Prerequisites:** Admission to Accelerated Bachelor of Science in Nursing (ABSN) program.

**Corequisites:** NUR 303, NUR 312, NUR 314, NUR 315, NUR 317, NUR 318.

## **NUR 303 Nursing Skills for ABSN Students 1**

Introduction and practice of nursing skills necessary for care of clients.

This course is for ABSN students.

**Prerequisites:** Admission to the Accelerated BSN Program.

**Corequisites:** NUR 302, NUR 312, NUR 314, NUR 315, NUR 317, NUR 318.

## **NUR 310 Nursing Care of Individuals with Neurobehavioral Problems across the Lifespan 4**

Nursing care of individuals who have neurobehavioral problems.

**Prerequisites:** NURS major.

**Corequisites:** NUR 310L.

## **NUR 310L Practicum for Nursing Care of Individuals with Neurobehavioral Problems across the Lifespan 1**

Practicum for nursing care of individuals who have neurobehavioral problems. Clinical activities in selected behavioral health settings.

**Prerequisites:** NURS major.

**Corequisites:** NUR 310.

**Notes:** Students must provide own transportation to practicum experiences.

## **NUR 312 Adult Health 3**

Nursing care of adults with acute and chronic physiological disorders.

This course is for ABSN students.

**Prerequisites:** Admission to Accelerated Bachelor of Science in Nursing (ABSN) program.

**Corequisites:** NUR 302, NUR 303, NUR 314, NUR 315, NUR 317, NUR 318.

## **NUR 314 Neurobehavioral Health 3**

Nursing care of individuals who have neurobehavioral disorders. This course is for ABSN students.

**Prerequisites:** Admission to the Accelerated Bachelor of Science in Nursing (ABSN) program.

**Corequisites:** NUR 302, NUR 303, NUR 312, NUR 315, NUR 317, NUR 318.

## **NUR 315 Nursing Practicum 1 3**

Application of the nursing process to adults with acute or chronic common health disorders and to individuals with neurobehavioral disorders. This course is for ABSN students.

**Prerequisites:** Admission to the Accelerated Bachelor of Science in Nursing (ABSN) program.

**Corequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 317, NUR 318.

**Notes:** Grade: Pass/Not Pass (P/NP).

## **NUR 317 Professionalism I: Foundations of Nursing 4**

Introduction to fundamental concepts of professional nursing practice.

This course is for ABSN students.

**Prerequisites:** Admission to Accelerated Bachelor of Science in Nursing (ABSN) program.

**Corequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 315, NUR 318.

## **NUR 318 Pathopharmacology I: Adult and Neurobehavioral Health 3**

Study of pathophysiologic changes that influence disease processes and related pharmacological concepts in adult health and mental health. This course is for ABSN students.

**Prerequisites:** Admission to the Accelerated Bachelor of Science in Nursing (ABSN) program.

**Corequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 315, NUR 317.

## **NUR 319 Health Equity: An Introduction to Anti-Oppressive Practices 3**

Critical analysis of inequities in health outcomes with a focus on racism in the US. Strategies for eliminating health inequities and building anti-oppressive practices in health care.

**Prerequisites:** Admission to the Lloyd International Honors College (preference given to Honors Nursing Majors).

## **NUR 320 Nursing Care of Individuals with Chronic Physiological Problems 3**

Nursing care of clients who have chronic physiological problems.

**Prerequisites:** NURS major.

**Corequisites:** NUR 320L.

## **NUR 320L Practicum for Nursing Care of Individuals with Chronic Physiological Problems 2**

Practicum for nursing care of clients who have chronic physiological problems.

**Prerequisites:** Overall minimum GPA of C. NURS major;

**Corequisites:** NUR 320.

**Notes:** Students must provide own transportation to practicum experiences.

## **NUR 330 Global Perspectives on the Health of Women 3**

Global perspectives on women's health issues.

## **NUR 340 Health and Illness in Infants, Children and Adolescents 3**

Nursing care and health promotion of infants, children, and adolescents with acute and chronic illness, special health care needs, and those receiving well child care.

**Prerequisites:** NURS major.

**Corequisites:** NUR 340L.

## **NUR 340L Practicum for Health and Illness in Infants, Children and Adolescents 1**

Practicum for nursing care and health promotion of infants, children, and adolescents with acute and chronic illness, special health care needs, and those receiving well child care.

**Prerequisites:** NURS major.

**Corequisites:** NUR 340.

**Notes:** Students must provide own transportation to practicum experiences.

**NUR 345 Basic Health Management of Children 3**

Health appraisal and recognition of symptoms of illness in children. Emphasizes needs of children in group settings from infancy through elementary school age.

**Prerequisites:** HDF 111.

**NUR 346 Introduction to Health Care Informatics 3**

Exploration of informatics and health care technologies in the management of individuals, groups, and organizations for the improvement of patient outcomes.

**Prerequisites:** Must be licensed Registered Nurse. minimum GPA of C (2.0), or permission of instructor.

**NUR 355A Pathophysiology and Pharmacology for Nursing I 3**

Study of pathophysiologic changes that influence disease processes across the lifespan and related pharmacological therapies.

**Prerequisites:** NURS major.

**NUR 355B Pathophysiology and Pharmacology for Nursing II 2**

Study of selected pathophysiologic changes that influence disease processes across the lifespan and related pharmacological therapies.

**Prerequisites:** NUR 210, NUR 220, NUR 355A. Nursing major.

**NUR 360 Childbearing and Reproductive Health 3**

Nursing care of women and families along the childbearing continuum. Topics include reproductive health, promotion of health for pregnancy and birth, nursing management of complications, and newborn care.

**Prerequisites:** NURS major.

**Corequisites:** NUR 360L.

**NUR 360L Practicum for Childbearing and Reproductive Health 1**

Practicum for nursing care of women and families along the childbearing continuum. Topics include reproductive health, promotion of health for pregnancy and birth, nursing management of complications, and newborn care.

**Prerequisites:** NURS major.

**Corequisites:** NUR 360.

**Notes:** Students must provide own transportation to practicum experiences.

**NUR 365 Interprofessional Education Seminar 1**

Clinical application of theories, concepts, and research related to collaborative interprofessional education (IPE) across healthcare disciplines.

**Prerequisites:** NUR 380. NURS major.

**NUR 370 Concepts of Professional Nursing 3**

Study of basic concepts in professional nursing.

**Prerequisites:** STA 108 and satisfaction of GEC requirements for GHP, GNS, GSB, GRD, AND GRD1). must be licensed Registered Nurse; overall minimum GPA of C (2.0).

**NUR 371 Nursing Health Assessment 3**

Study of the health assessment of individuals over the life span. Laboratory activities promote the development of assessment skills.

**Prerequisites:** Must be licensed Registered Nurse. overall minimum GPA of C (2.0).

**NUR 375 Nursing Informatics and Technology 2**

Focus on the use of electronic technologies and the management of information to facilitate nursing practice and enhance quality care.

**Prerequisites:** NURS major.

**Corequisites:** NUR 310 and NUR 310L. or NUR 320 and NUR 320L; or NUR 340 and NUR 340L; or NUR 360 and NUR 360L.

**NUR 380 Nursing Skills 2**

Introduction and practice of nursing skills necessary for care of clients in clinical settings.

**Prerequisites:** NURS major.

**NUR 385 Critical Reasoning 2**

This application based course focuses on the development and improvement of critical reasoning skills for professional nursing practice.

**Prerequisites:** NURS major.

**Corequisites:** NUR 310 and NUR 310L. or NUR 320 and NUR 320L; or NUR 340 and NUR 340L; or NUR 360 and NUR 360L.

**NUR 390 Culture and Health Care 3**

Role of culture on the health and wellbeing of individuals and selected global communities, including indigenous peoples.

**NUR 395 Transition to Civilian Professional Nursing 2**

This didactic course covers the fundamentals of professional civilian nursing. Similarities and differences between military and civilian models of care are presented.

**Prerequisites:** NURS majors enrolled in the Veterans Access Program (VAP).

**NUR 405 Pharmacology in Nursing 3**

Study of major drug groups and their action, use, side effects, and nursing care considerations. Emphasis on nursing care and teaching, built upon physiology and basic pharmacology.

**Prerequisites:** Admission to the School of Nursing. or permission of instructor.

**NUR 410 Health and Illness in Older Adults 3**

Nursing care of older adults: biopsychosocial, spiritual functioning, impact of developmental changes, illness, and dysfunction on health status and quality of life.

**Prerequisites:** NUR 310, NUR 310L, NUR 320, NUR 320L, NUR 340, NUR 340L, NUR 360, NUR 360L (or their equivalent). admission to NURS major; overall minimum GPA of C (2.0)

**Corequisites:** NUR 410L, NUR 450.

**NUR 410L Practicum for Health and Illness in Older Adults 2**

Practicum for nursing care of older adults: biopsychosocial, spiritual functioning, impact of developmental changes, illness, and dysfunction on health status and quality of life. Selected clinical activities.

**Prerequisites:** NUR 310, NUR 320, NUR 340, NUR 360.

**Corequisites:** NUR 410, NUR 450.

**NUR 411 Global Health in Nursing 3**

Critical analysis of healthcare practice within a global context. Reflective global community engagement experience integrating academic enhancement, personal growth, and global civic learning.

**Prerequisites:** NURS major. Pre-licensure BSN students: NUR 210, NUR 220 or equivalent, NUR 380; RN-BSN students: NUR 370, NUR 371; or permission of instructor.

**NUR 412 Childbearing Family Health 3**

Nursing care of women and families along the childbearing continuum to promote health and reduce risks. This course is for ABSN students.

**Prerequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 315, NUR 317, NUR 318.

**Corequisites:** NUR 414, NUR 417, NUR 418, NUR 445.

**NUR 414 Child Health 3**

Nursing care and health promotion of infants, children and adolescents with acute and chronic illness, special health care needs, and those receiving well child care. For ABSN students.

**Prerequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 315, NUR 317, NUR 318.

**Corequisites:** NUR 412, NUR 417, NUR 418, NUR 445.

**NUR 415 Nursing Leadership and Management 3**

Introduction to the leadership and management roles of the professional nurse in health care organizations.

**Prerequisites:** NUR 310/NUR 310L, NUR 320/NUR 320L, NUR 340/NUR 340L, NUR 355, NUR 360/NUR 360L, NUR 375, and NUR 380 (or their equivalent). NURS major.

**NUR 417 Professionalism II: Nursing in Practice 4**

Application of the fundamental concepts of nursing in professional practice. This course is for ABSN students.

**Prerequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 315, NUR 317, NUR 318.

**Corequisites:** NUR 412, NUR 414, NUR 418, NUR 445.

**NUR 418 Pathopharmacology II: Childbearing and Child Health 1**

Study of pathophysiologic changes that influence disease processes and related pharmacological concepts of child health and the childbearing family health. This course is for ABSN students.

**Prerequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 315, NUR 317, NUR 318.

**Corequisites:** NUR 412, NUR 414, NUR 417, NUR 445.

**NUR 420 Population Health Nursing 4**

Nursing care of populations and communities through collaborative actions across care settings.

**Prerequisites:** NUR 310/NUR 310L, NUR 320/NUR 320L, NUR 340/NUR 340L and NUR 360/NUR 360L (or their equivalent). NURS major;

**Corequisites:** NUR 410/NUR 410L, NUR 420L, NUR 450.

**NUR 420L Practicum for Population Health Nursing 1**

Practicum for nursing care of populations and communities through collaborative actions across care settings.

**Prerequisites:** NUR 310, NUR 320, NUR 340, NUR 360.

**Corequisites:** NUR 410, NUR 420, NUR 450.

**NUR 430 Nursing Care of Individuals with Acute Physiological Problems 3**

Nursing care of individuals/families with acute physiological illness.

**Prerequisites:** NUR 410/NUR 410L, NUR 420/NUR 420L, and NUR 450. NURS major;

**Corequisites:** NUR 415, NUR 430L.

**NUR 430L Practicum for Nursing Care of Individuals with Acute Physiological Problems 2**

Practicum for nursing care of individuals/families with acute physiological illness.

**Prerequisites:** NUR 410/NUR 410L, NUR 420/NUR 420L, NUR 450. NURS major;

**Corequisites:** NUR 415, NUR 430.

**Notes:** Students must provide own transportation to practicum experiences.

**NUR 440 Senior Capstone 4**

A concentrated 7½ week practicum where students simulate the roles of the employed graduate under the guidance of a selected nursing preceptor and a faculty facilitator.

**Prerequisites:** NUR 310/NUR 310L, NUR 320/NUR 320L, NUR 340/NUR 340L, and NUR 360/NUR 360L. NURS major;

**Corequisites:** NUR 415, NUR 430/NUR 430L, and NUR 490.

**Notes:** Grade: Pass/Not Pass (P/NP). Students must provide own transportation to practicum experiences. Course intended for senior level baccalaureate nursing students in their final semester of the major.

**NUR 445 Nursing Practicum II 3**

Practicum for nursing care of childbearing and childrearing families. This course is for ABSN students.

**Prerequisites:** NUR 302, NUR 303, NUR 312, NUR 314, NUR 315, NUR 317, NUR 318.

**Corequisites:** NUR 412, NUR 414, NUR 417, NUR 418.

**Notes:** Grade: Pass/Not Pass (P/NP).

**NUR 447 Global Health and Disaster Preparedness 3**

This course explores concepts in global health and disaster preparedness using a nation as a microcosm to explore these concepts. Offered as a Study Abroad course.

**Prerequisites:** Undergraduate student in good academic standing and instructor permission.

**NUR 450 Evidence-Based Practice and Nursing Research 3**

Introduction to the professional nurse's role in evidence-based practice and nursing research.

**Prerequisites:** NUR 310, NUR 310L, NUR 320, NUR 320L, NUR 340, NUR 340L, NUR 360, NUR 360L. NURS major;

**Corequisites:** NUR 410, NUR 410L, NUR 420, and NUR 420L.

**NUR 451 Integrating Technology in Nursing Education 3**

This course examines the role of technology in healthcare and the integration of technology into nursing practice and education settings.

**NUR 462 Older Adult and Complex Health Needs 3**

Nursing care of older adults and individuals with complex health needs. This course is for ABSN students.

**Prerequisites:** NUR 412, NUR 414, NUR 417, NUR 418, NUR 445.

**Corequisites:** NUR 463, NUR 465, NUR 467, NUR 468, NUR 475, NUR 485.

**NUR 463 Population Health Nursing Care and Concepts 2**

Nursing care and concepts for populations and communities through collaborative actions across care settings. This course is for ABSN students.

**Prerequisites:** NUR 412, NUR 414, NUR 417, NUR 418, NUR 445.

**Corequisites:** NUR 462, NUR 465, NUR 467, NUR 468, NUR 475, NUR 485.

**NUR 465 Nursing Practicum III 4**

Practicum for nursing care of older adults and population health. This course is for ABSN students.

**Prerequisites:** NUR 412, NUR 414, NUR 417, NUR 418, NUR 445.

**Corequisites:** NUR 462, NUR 463, NUR 467, NUR 468, NUR 475, NUR 485.

**Notes:** Grade: Pass/Not Pass (P/NP).

**NUR 467 Professionalism III: Clinical Leadership and Inquiry in Nursing 4**

Application of concepts for clinical leadership and inquiry in nursing. This course is for ABSN students.

**Prerequisites:** NUR 412, NUR 414, NUR 417, NUR 418, NUR 445.

**Corequisites:** NUR 462, NUR 463, NUR 465, NUR 468, NUR 475, NUR 485.

**NUR 468 Pathopharmacology III: Older Adult and Complex Health 2**

Study of pathophysiologic changes that influence disease processes and related pharmacological concepts in the older adult, those with complex health needs, and in population health. This course is for ABSN students.

**Prerequisites:** NUR 412, NUR 414, NUR 417, NUR 418, NUR 445.

**Corequisites:** NUR 462, NUR 463, NUR 465, NUR 467, NUR 475, NUR 485.

**NUR 470 Community Health Nursing Concepts and Care 4**

Nursing concepts and care of individuals, families, and groups within community settings.

**Prerequisites:** NUR 370 and NUR 371. overall minimum GPA of C (2.0); Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact.

**NUR 471 Nursing Care of the Older Adult 4**

Nursing concepts and care of older adults: theories of aging, physiological/psychological functioning, impact of developmental changes, illness, and chronic dysfunction.

**Prerequisites:** NUR 370 and NUR 371. overall minimum GPA of C (2.0); Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact.

**NUR 472 Nursing Leadership and Management 4**

The professional nurse's role in applying principles of leadership and management in health care organizations across the continuum of care.

**Prerequisites:** NUR 370 and NUR 371. overall minimum GPA of C (2.0); Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact.

**NUR 473 Nursing Research 4**

Introduction to nursing research and the professional nurse's role in research.

**Prerequisites:** NUR 370 and NUR 371. overall minimum GPA of C (2.0); Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact. STA 108 or equivalent.

**NUR 475 Nursing Capstone Practicum 3**

A concentrated practicum where students assume the roles of the entry level registered nurse under the guidance of a selected nursing preceptor and a faculty facilitator. This course is for ABSN students.

**Prerequisites:** NUR 412, NUR 414, NUR 417, NUR 418, NUR 445.

**Corequisites:** NUR 462, NUR 463, NUR 465, NUR 467, NUR 468, NUR 485.

**Notes:** Grade: Pass/Not Pass (P/NP).

**NUR 481 End-of-Life Care 3**

Critical aspects of interdisciplinary approaches to quality care at end-of-life. Includes palliative care, family, advocacy, culture, special populations, systems of care, financial issues, life threatening illnesses, and sudden death.

**NUR 485 Nursing Concepts Synthesis 3**

Cumulative synthesis of concepts learned throughout the curriculum. Emphasis placed on analysis of critical thinking skills and clinical decision making. Also includes preparation for NCLEX-RN. This course is for ABSN students.

**Prerequisites:** NUR 412, NUR 414, NUR 417, NUR 418, NUR 445.

**Corequisites:** NUR 462, NUR 463, NUR 465, NUR 467, NUR 468, NUR 475.

**Notes:** Grade: Pass/Not Pass (P/NP).

**NUR 490 Synthesis of Nursing Concepts 2**

Cumulative integration of concepts learned throughout the curriculum. Emphasis placed on analysis of critical thinking skills and synthesis of clinical decision making. Also includes preparation for NCLEX-RN.

**Prerequisites:** NUR 410, NUR 410L, NUR 420, NUR 420L and NUR 450.

NURS major;

**Corequisites:** NUR 415, NUR 430, NUR 430L.

**NUR 492 Independent Study 1-3**

Guided readings in nursing as an individual project designed with a focus on the nursing profession and/or nursing practice. Course offering is dependent on faculty availability.

**Prerequisites:** Approval must be granted by a nursing faculty member prior to registration.

**Notes:** May be repeated for credit.

**NUR 493 Honors Work 3-6**

Honors Work.

**Prerequisites:** Permission of instructor. 3.30 GPA in the major, 12 s.h. in the major;

**Notes:** May be repeated for credit if the topic of study changes.

**NUR 500 Fundamental Concepts in Nursing 3**

Introduction to fundamental concepts in nursing.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**NUR 500L Fundamental Concepts in Nursing Lab 1**

Lab experience related to the fundamental concepts in nursing.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**NUR 501 Nursing Skills 2**

Introduction and practice of nursing skills necessary for care of clients in clinical settings.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 500, NUR 500L, NUR 502, NUR 502L, NUR 508.

**NUR 502 Nursing Assessment of Well Individuals 2**

Introduction to basic nursing assessment of well individuals over the life span.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 500, NUR 500L.

**Corequisites:** NUR 502L.

**NUR 502L Nursing Assessment of Well Individuals Lab 1**

Introduction to basic nursing assessment of well individuals over the life span. Laboratory and clinical activities encourage development of skills in interviewing, physical examination, and documentation of information.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 500, NUR 500L.

**Corequisites:** NUR 502.

**NUR 503 Nursing Care of Individuals with Neurobehavioral Problems across the Lifespan 4**

Nursing care of individuals who have neurobehavioral problems.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 503L.



**NUR 503L Practicum for Nursing Care of Individuals with Neurobehavioral Problems across the Lifespan 1**

Practicum for nursing care of individuals who have neurobehavioral problems. Clinical activities in selected behavioral health settings.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 503.

**NUR 504 Nursing Care of Individuals with Chronic Physiological Problems 3**

Nursing care of clients who have chronic physiological problems.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 504L.

**NUR 504L Practicum for Nursing Care of Individuals with Chronic Physiological Problems 2**

Practicum for nursing care of clients who have chronic physiological problems.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 504.

**NUR 508 Pathophysiology and Pharmacology for Nursing I 3**

Study of selected pathophysiologic changes that influence disease processes across the lifespan and related pharmacological therapies.

**Prerequisites:** NUR 500, NUR 502.

**NUR 509 Pathophysiology and Pharmacology for Nursing II 2**

Study of selected pathophysiologic changes that influence disease processes across the lifespan and related pharmacological therapies.

**Prerequisites:** NUR 500, NUR 502, NUR 508.

**NUR 510 Health and Illness in Older Adults 3**

Nursing care of older adults: biopsychosocial, spiritual functioning, impact of developmental changes, illness, and dysfunction on health status and quality of life.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 503, NUR 503L, NUR 504, NUR 504L, NUR 611, NUR 611L, NUR 613, NUR 613L (or their equivalent).

**Corequisites:** NUR 510L.

**NUR 510L Practicum for Health and Illness in Older Adults 2**

Practicum for nursing care of older adults: biopsychosocial, spiritual functioning, impact of developmental changes, illness, and dysfunction on health status and quality of life. Selected clinical activities.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 503, NUR 503L, NUR 504, NUR 504L, NUR 611, NUR 611L, NUR 613, NUR 613L (or their equivalent).

**Corequisites:** NUR 510, NUR 705.

**NUR 511 Global Health in Nursing 3**

Critical analysis of healthcare practice within a global context. Reflective global community engagement experience integrating academic enhancement, personal growth, and global civic learning.

**Prerequisites:** Admission to a Nursing graduate program.

**NUR 540 Financial Management in Healthcare 3**

Introduction to the principles of fiscal management, health care agency accounting practices, and the nurse administrator's role in budgeting processes.

**Prerequisites:** Graduate students enrolled in MSN in Nursing Administration or MSN/MBA program.

**NUR 547 Global Health and Disaster Preparedness Graduate Level 3**

This course explores concepts in global health and disaster preparedness using a nation as a microcosm to explore these concepts.

**Prerequisites:** Graduate student in good academic standing and instructor permission.

**NUR 551 Integrating Technology in Nursing Education 3**

This course examines the role of technology in healthcare and the integration of technology into nursing practice and education settings.

**NUR 601 Critique and Utilization of Research in Nursing Administration 2**

Development of knowledge and skill competencies basic to the critical interpretation and utilization of research findings in nursing administration. Graded on S/U basis.

**Prerequisites:** NUR 641.

**NUR 607 Interprofessional/Interdisciplinary Collaboration and Negotiation 3**

An integrated approach to team development and function using an interprofessional/interdisciplinary model.

**NUR 609 The Role of the Nurse Leader in Advanced Quality and Safety 4**

Prepares the student to apply principles of quality and safety at the micro (unit) and macro (organizational) system level.

**Prerequisites:** Enrolled in the M.S.N. Nursing Leadership and Management Concentration, M.S.N. Prelicensure Entry-Level Concentration, M.S.N./M.B.A., or permission of instructor.

**NUR 611 Health and Illness in Infants, Children, and Adolescents 3**

Nursing care and health promotion of infants, children, and adolescents with acute and chronic illness, special health care needs, and those receiving well child care.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 611L.

**NUR 611L Practicum for Health and Illness in Infants, Children, and Adolescents 1**

Practicum for nursing care and health promotion of infants, children, and adolescents with acute and chronic illness, special health care needs, and those receiving well child care.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 611.

**NUR 612 Theoretical Foundations for the Advanced Nurse Educator 3**

Professional development of the advanced nurse educator integrating theory, roles, and practice.

**Prerequisites:** NUR 616.

**NUR 613 Childbearing and Reproductive Health 3**

Nursing care of women and families along the childbearing continuum. Topics include reproductive health, promotion of health for pregnancy and birth, nursing management of complications, and newborn care.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 613L.

**NUR 613L Practicum for Childbearing and Reproductive Health 1**

Practicum for nursing care of women and families along the childbearing continuum. Topics include reproductive health, promotion of health for pregnancy and birth, nursing management of complications, and newborn care.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration.

**Corequisites:** NUR 613.

**NUR 614 Information Technology in Nursing Administration 3**

Prepares the student to apply principles and techniques of communication and computer technology in health care management settings.

**Prerequisites:** Enrolled in the M.S.N. Nursing Leadership and Management Concentration, M.S.N. Prelicensure Entry-Level Concentration, M.S.N./M.B.A., or permission of instructor.

**NUR 615 Curriculum Design and Evaluation in Advanced Nursing Education 3**

An exploration of nursing curriculum development and program evaluation within a broad context.

**Prerequisites:** NUR 612.

**NUR 616 Pedagogical Strategies for Advanced Nursing Education 4**

Concepts of instructional design, media development and use, and technology in advanced nursing education. Pedagogical strategies for a variety of classroom and clinical settings.

**NUR 617 Nursing Leadership and Management 3**

Provides the student with a foundational knowledge of management and leadership skills using applications based on problem-solving, decision-making, and critical thinking. Core management concepts include planning, organizing, staffing, directing, and controlling. Other topics include legal and ethical decision making and advocacy.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 501, NUR 503, NUR 503L, NUR 504, NUR 504L, NUR 508, NUR 509, NUR 613, NUR 613L, NUR 614 (or their equivalent).

**NUR 618 Population Health Nursing 4**

Nursing care of populations and communities through collaborative actions across care settings.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 503, NUR 503L, NUR 504, NUR 504L, NUR 611, NUR 611L, NUR 613, NUR 613L (or their equivalent).

**Corequisites:** NUR 618L.

**NUR 618L Practicum for Population Health Nursing 1**

Practicum for nursing care of populations and communities through collaborative actions across care settings.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 503, NUR 503L, NUR 504, NUR 504L, NUR 611, NUR 611L, NUR 613, NUR 613L (or their equivalent).

**Corequisites:** NUR 618.

**NUR 619 Nursing Care of Individuals with Acute Physiological Problems 3**

Nursing care of individuals/families with acute physiological illness.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 510, NUR 510L, NUR 618, NUR 618L, NUR 705.

**Corequisites:** NUR 617, NUR 619L.

**NUR 619L Practicum for Nursing Care of Individuals with Acute Physiological Problems 2**

Practicum for nursing care of individuals/families with acute physiological illness.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 510, NUR 510L, NUR 618, NUR 618L, NUR 705.

**Corequisites:** NUR 617, NUR 619.

**NUR 620 Law, Policy, and Economics of Healthcare 3**

Law, health policy, and economics related to advanced nursing practice. Key topics include policy development, state and federal statutes, and economics affecting delivery of nursing and healthcare.

**NUR 621 Senior Capstone 4**

A concentrated 7 1/2-week practicum where students simulate the roles of the employed graduate under the guidance of a selected nursing preceptor and a faculty facilitator.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 503, NUR 503L, NUR 504, NUR 504L, NUR 510, NUR 510L, NUR 611, NUR 611L, NUR 613, NUR 613L, NUR 618, NUR 618L, NUR 705.

**Corequisites:** NUR 622.

**NUR 622 Synthesis of Nursing Concepts 2**

Cumulative integration of concepts learned throughout the curriculum. Emphasis placed on analysis of critical thinking skills and synthesis of clinical decision-making. Also includes preparation for NCLEX-RN.

**Prerequisites:** Admission to M.S.N. Prelicensure Entry-Level Concentration, NUR 510, NUR 510L, NUR 618, NUR 618L, NUR 705.

**Corequisites:** NUR 609, NUR 621.

**NUR 641 Leadership and Management Essentials in Healthcare: Theories and Roles 4**

Nursing management within the health care system. Management functions of planning, organizing and staffing studied within the framework of leadership in health care organizations.

**Prerequisites:** NUR 715.

**Corequisites:** NUR 715.

**NUR 644 Organizational Leadership and Management 4**

Management functions of directing and controlling are studied within the framework of leadership in health care organizations.

**Prerequisites:** NUR 540, NUR 614, NUR 641.

**Corequisites:** NUR 614.

**NUR 645 Strategic Management of Health Care Organizations 4**

Application of leadership and administration knowledge in a practice setting while defining self in a professional leadership role.

**Prerequisites:** NUR 644.

**NUR 646 Nursing Leadership and Management Practicum 4**

Application of advanced leadership and management knowledge in a practice setting while defining self in a professional leadership roles.

**Prerequisites:** NUR 645.

**NUR 651 Advanced Application of Nursing Concepts in Client Care (in clinical focus area) 4**

Development of advanced clinical nursing interventions that influence health care outcomes for individuals, populations, or systems. Practicum emphasizes preparation for the direct care role of nurse educator.

**Prerequisites:** NUR 616, NUR 708, NUR 709, NUR 713.

**NUR 653 Advanced Application of Nursing Concepts in Academic Education (in clinical focus area) 3**

Development of competencies in preparation for academic educator roles. Seminars, conferences, and practica emphasize nursing education in academic settings.

**Prerequisites:** NUR 615 and NUR 651.

**NUR 692 Independent Study 1-3**

Guided readings, research, and individual project work under the direction of the School of Nursing faculty.

**Notes:** May be used as part of minimum 36 hours required for the MSN degree. May be repeated for a maximum of 6 hours credit.

**NUR 696 Capstone Course for Advanced Nursing Education Practice 2**

Critical analysis and synthesis of progress and achievement towards attainment of advanced nursing competencies for the M.S.N. degree.

**Prerequisites:** NUR 612, NUR 651, NUR 715.

**Corequisites:** NUR 653.

**NUR 698 Advanced Nursing Project 1-6**

Scholarly inquiry project developed by the student with faculty guidance.

**Prerequisites:** NUR 705.

**Notes:** May be repeated for a maximum of 6 hours credit. Grading method is Satisfactory/Unsatisfactory (S/U).

**NUR 699 Thesis 1-6**

Individual guidance and direction in research to address a clinical or nonclinical problem.

**Prerequisites:** NUR 705.

**Notes:** May be repeated for a maximum of 6 hours credit. Grading method is Satisfactory/Unsatisfactory (S/U).

**NUR 701 Statistical Applications for Nursing Research 3**

Applied descriptive and inferential statistics for nursing and health care research. Principles of hypothesis testing, inference, estimation, correlation, regression, and analysis of variance. Emphasis on selection of analysis and interpretation of results.

**Prerequisites:** Admission to Ph.D. in Nursing and completion of a course in inferential statistics or permission of instructor.

**NUR 702 Statistical Applications for Nursing Research II 3**

Advanced statistics for nursing and health care research, including general linear model, multifactorial ANOVA, multiple regression. Emphasis on selection and conduct of analysis and interpretation of results.

**Prerequisites:** NUR 701 or permission of instructor.

**NUR 703 Qualitative Methods for Nursing 3**

Philosophy, theory, and methods of qualitative research with an emphasis on the application to nursing and health research.

**Prerequisites:** NUR 702 and NUR 712 or permission of instructor.

**NUR 704 Quantitative Research in Nursing 3**

Theoretical foundations, design, and techniques of quantitative research for nursing and health care.

**Prerequisites:** NUR 702 and NUR 712, or permission of instructor.

**NUR 705 Scientific Approaches to Advance Healthcare 3**

The critical inquiry to problem-solving is explored. Research methods guide questioning, retrieving, analyzing data, and generating science-based knowledge relevant to advanced nursing practice.

**NUR 707 Measurement in Nursing and Healthcare Research 3**

Measurement of biophysical, psychomotor, cognitive, affective, and system-level phenomena for nursing and health research. Reliability, validity, item analysis, norms, selection and development of measures.

**Prerequisites:** NUR 704 or permission of instructor.

**NUR 708 Advanced Pathophysiology 3**

Human physiologic changes and common pathophysiological and compensatory mechanisms are applied as a basis for advanced practice diagnostic reasoning and deliberation.

**NUR 709 Pharmacologic Interventions in Advanced Practice 3**

Drug therapies are applied to various health conditions, and their dosing, side effects, and drug-to-drug interactions are analyzed for efficacy and cost.

**NUR 710 Philosophy of Knowledge Development in Nursing 3**

Philosophy, inquiry, and the development of knowledge within the discipline.

**Prerequisites:** Admission to Ph.D. in Nursing.

**NUR 712 Theory Analysis in Nursing Science 3**

The nature of theory and strategies for theory development within the discipline of nursing. Analysis and evaluation of theory related to phenomena of interest.

**Prerequisites:** NUR 710.

**NUR 713 Diagnostic Reasoning and Health Assessment 3**

A foundational course to build on the skills of conducting comprehensive and systematic assessment of individuals across the lifespan. An introduction to diagnostic reasoning, laboratory studies, and other diagnostic tests are presented.

**Prerequisites:** Baccalaureate-level health assessment course.

**Corequisites:** NUR 713L.

**NUR 713L Interventional Strategies of Diagnostic Reasoning and Health Assessment Lab 1**

Application of advanced health assessment and diagnostic reasoning skills using laboratory exercises on individuals across the lifespan.

**Corequisites:** NUR 713.

**NUR 714 Foundations of Informatics and Computational Systems 3**

Biomedical computer technologies to support clinical problem solving and decision-making are applied. Emphasis on emerging technologies/artificial intelligence is analyzed for its impact on quality care and moral/ethical ramifications.

**NUR 715 Research Methods in Nursing 3**

Examines the basic concepts, strategies, and procedures used in conducting and analyzing nursing research. Emphasis will be on proposal development and quantitative and qualitative analysis of data.

**Prerequisites:** An undergraduate statistics course (preferred within past 5 years).

**NUR 716 Management of Child Health in Primary Care 4**

Focuses on the assessment, diagnosis, and management of pediatric conditions and preventative care from birth through middle childhood encountered in primary care.

**Prerequisites:** NUR 708, NUR 709, NUR 713.

**NUR 717 Management of Common Gender Specific, Adult, and Adolescent Health Conditions 4**

Explores gender-specific health care needs of adolescents and adults encountered in primary care including gender expression, fluidity, and development. Preventative care, assessment, diagnosis, and management are explored.

**Prerequisites:** NUR 708, NUR 709 (prerequisite or corequisite), NUR 713.

**Corequisites:** NUR 709 (prerequisite or corequisite).

**NUR 718 Complex Problems In Family Primary Care 2**

Students will increase knowledge and decision-making skills in the primary care treatment across the lifespan of vulnerable and complex patients. Course includes laboratory interpretation.

**Prerequisites:** NUR 708, NUR 709, NUR 713.

**NUR 719L Family Primary Care Practicum 3**

Practicum focused on the application of scientific knowledge and clinical judgement in assessment, diagnosis, management of health conditions and wellness in primary care across the lifespan.

**Prerequisites:** NUR 708, NUR 709, NUR 713.

**NUR 727 Basic Principles of Nurse Anesthesia Practice I 2**

General introduction to basics of nurse anesthesia practice, including safety, assessment, pharmacology, monitoring, charting, positioning, care plan development, sequencing, and as a foundation to more advanced anesthetic concepts and techniques.

**NUR 727L Basic Principles of Nurse Anesthesia Practice Lab 1**

Provides nurse anesthesia graduate students with an introduction to the principles of clinical anesthesia practice. Engages students in a variety of simulation and case study activities addressing the fundamentals of safe anesthesia practice across the spectrum of anesthesia care.

**Prerequisites:** NUR 727.

**Corequisites:** NUR 734.

**NUR 728 Physics, Chemistry, and Mechanics in Anesthesia 2**

Focuses on the application of the physical laws of gas, the study of compressed gases for clinical use, and the physical and mechanical considerations of anesthesia delivery systems.

**NUR 728L Physics, Chemistry, and Mechanics in Anesthesia Laboratory 1**

Focuses on the application of the physical laws of gas, the study of compressed gases for clinical use, and the physical and mechanical considerations of anesthesia delivery systems.

**Prerequisites:** NUR 728.

**NUR 729 Health Assessment for Nurse Anesthesia 1**

Emphasizes the principles of patient assessment for nurse anesthesia practice in the pre and perioperative periods.

**Corequisites:** NUR 729L.

**NUR 729L Health Assessment Laboratory for Nurse Anesthesia 1**

Laboratory course emphasizing the principles of patient assessment for nurse anesthesia practice in the pre and perioperative periods.

**Prerequisites:** NUR 729.

**NUR 730 Neuropathophysiology of Nurse Anesthesia 3**

Focuses on the anatomy, physiology, and pathophysiology of the central nervous system, and anesthesia nursing care related to persons with neurological dysfunction.

**NUR 732 Advanced Principles of Nurse Anesthesia Practice 3**

Focuses on the principles and theories of advanced nurse anesthesia practice necessary to effectively administer anesthesia for complex adult and pediatric patients.

**Prerequisites:** NUR 727, NUR 734.

**NUR 732L Advanced Principles of Nurse Anesthesia Practice Lab 1**

Engages students in a variety of simulation and case study activities that address advanced anesthesia practice across the spectrum of anesthesia care.

**Prerequisites:** NUR 727, NUR 727L, NUR 734.

**Corequisites:** NUR 732.

**NUR 734 Basic Principles of Nurse Anesthesia Practice II 2**

General introduction to the basics of nurse anesthesia practice, including safety, assessment, airway management, considerations for specialized populations, crises management, substance use disorder, care plan development, and as a foundation to more advanced anesthetic concepts and techniques.

**NUR 740 Professional Aspects of Nurse Anesthesia 1**

Examines nurse anesthesia practice and the CRNA role by analyzing the specialty-specific philosophical bases of caring, professionalism, advocacy, scope of practice, policy and standards of care in anesthesia practice, the role of professional organizations, legal and regulatory issues in anesthesia practice, billing, and malpractice.

**NUR 741 Nurse Scientists in Academia and Industry I 3**

Integration of the nurse scientist role into an academic and industry environment.

**Prerequisites:** NUR 704, NUR 712. Pr. or Coreq.: NUR 703, NUR 782.

**NUR 742 Nurse Scientists in Academia and Industry II 3**

Internship to apply the nurse scientist role in an academic or industry environment.

**Prerequisites:** NUR 741.

**NUR 744L Anesthesia Crisis Resource Management 1**

Provides nurse anesthetist graduate students with principles of crisis resource management and evidence-based techniques within an advanced, high-fidelity simulation environment.

**NUR 751 Pharmacology of Nurse Anesthesia I 2**

Advanced knowledge of pharmacologic principles related to anesthetic medications.

**NUR 752 Biochemistry for Nurse Anesthesia 1**

Advanced knowledge of the biochemical basis and measurement of homeostasis and nursing interventions for fluid and electrolyte imbalance.

**Prerequisites:** NUR 756, NUR 757, NUR 773A.

**NUR 753 Cardiovascular Pathophysiology for Nurse Anesthesia 3**

Focuses on the principles and theories of advanced nurse anesthesia practice necessary to effectively administer anesthesia to individuals with cardiovascular dysfunction.

**Prerequisites:** NUR 727, NUR 732.

**Corequisites:** NUR 754.

**NUR 754 Pharmacology of Nurse Anesthesia II 2**

Focuses on advanced nurse anesthesia knowledge of the pharmacology of cardiovascular drugs.

**Prerequisites:** NUR 751.

**NUR 755 Cell Pathophysiology for Nurse Anesthesia 1**

Advanced knowledge of pathophysiology and anesthesia nursing care related to persons with cellular dysfunction.

**Prerequisites:** NUR 730.

**NUR 756 Respiratory Pathophysiology for Nurse Anesthesia 3**

Focuses on the principles and theories of advanced nurse anesthesia practice necessary to effectively administer anesthesia to individuals with respiratory dysfunction.

**NUR 757 Pharmacology of Nurse Anesthesia III 1**

Focuses on advanced nurse anesthesia knowledge of local anesthetics, neuromuscular blocking drugs, and adjunct medications necessary to effectively administer anesthesia to a diverse population.

**NUR 758 Pathophysiology of Abdominal Systems for Nurse Anesthesia 2,3**

Advanced knowledge of pathophysiology and anesthesia nursing care related to persons with hepatic, renal, and endocrine dysfunction.

**NUR 759 Pharmacology of Nurse Anesthesia IV 1**

Focuses on the principles of advanced nurse anesthesia knowledge of antimicrobials, adjunct agents, and concurrent outpatient drug therapy necessary to effectively administer anesthesia to a diverse population.

**Prerequisites:** NUR 757.

**NUR 771A Clinical Practicum in Nurse Anesthesia I 2**

Focuses on the delivery of basic nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 727, NUR 728, NUR 729, NUR 730.

**NUR 771B Clinical Practicum in Nurse Anesthesia II 6,8**

Focuses on the delivery of basic nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 771A.

**NUR 772 Clinical Practicum in Nurse Anesthesia III 6,7**

Focuses on the delivery of advanced nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 771A, NUR 771B.

**Corequisites:** NUR 771A, NUR 771B.



**NUR 773A Clinical Practicum in Nurse Anesthesia IV 6**

Focuses on the delivery of complex nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 772.

**NUR 773B Clinical Practicum in Nurse Anesthesia V 6,7**

Focuses on the delivery of advanced nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 772, NUR 773A.

**NUR 774 Clinical Practicum in Nurse Anesthesia VI 6,7**

Focuses on the delivery of increasingly complex nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 773A, NUR 773B.

**NUR 775A Clinical Practicum in Nurse Anesthesia VII 6,8**

Focuses on the integration of basic, advanced, and complex nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 774.

**NUR 775B Clinical Practicum in Nurse Anesthesia VIII 6,7**

Focuses on the integration of basic, advanced, and complex nurse anesthesia practice necessary to effectively administer anesthesia for a diverse patient population in a variety of institutional settings.

**Prerequisites:** NUR 775A.

**NUR 780 Special Topics in Nursing Science 1-3**

In depth topics of special interest related to nursing and health sciences.

**Prerequisites:** Permission of instructor.

**NUR 781 Health Promotion Models and Interventions 3**

Current epidemiological, methodological, and theoretical approaches to health promotion across the lifespan. Intervention strategies are evaluated.

**Prerequisites:** NUR 702 and NUR 712, or permission of instructor.

**NUR 782 Health Disparities and Outcomes 3**

Critical analysis of health disparities and outcomes. Differences in access, use, cost, and quality of health care services; causes of health disparities; and strategies to eliminate disparities.

**Prerequisites:** NUR 781 or permission of instructor.

**Corequisites:** NUR 704.

**NUR 783 Advanced Health Policy and Ethics 3**

Advanced analysis and evaluation of domestic and international regulation, financing, and delivery of health care; ethical issues and stakeholders that influence policy; evaluation of policies for selected populations.

**Prerequisites:** NUR 782 or permission of instructor.

**NUR 789 Doctor of Nursing Practice Advanced Practicum 1-6**

Faculty supervised direct and indirect practice experiences that prepare D.N.P. students to function in advanced nursing roles. Includes practice experiences that integrate previous skills, promote innovative thinking, and test potential solutions to clinical practice or system issues. Emphasizes practice roles commensurate with health system needs and improved healthcare outcomes.

**Prerequisites:** Previous practicum hours in an accredited M.S.N. program.

**NUR 790 Directed Research 3**

Directed research that culminates in a scholarly product.

**Prerequisites:** NUR 704 and prior approval of graduate faculty member who will supervise and evaluate the project.

**Notes:** Grade: Satisfactory/Unsatisfactory (S/U).

**NUR 792 Independent Study 1-3**

**Prerequisite:** Permission of instructor, Director of Graduate Study and Dean of Graduate School;

**Notes:** Grade: Satisfactory/Unsatisfactory (S/U).

**NUR 797 Integrated Clinical Concepts 2**

This course focuses on the integration of all aspects of nurse anesthesia practice and preparation for the national certification examination given by the National Board on Certification and Recertification.

**Prerequisites:** NUR 732, NUR 752, NUR 753, NUR 755, NUR 756, NUR 758, NUR 759.

**Corequisites:** NUR 775B.

**NUR 799 Dissertation 1-12**

Individual direction for the completion of doctoral dissertation research.

**Prerequisites:** Satisfactory completion of written and oral comprehensive examinations and written permission of dissertation chair.

**NUR 801 Thesis Extension 1-3**

Thesis Extension.

**NUR 802 Dissertation Extension 1-3**

Dissertation Extension.

**Prerequisites:** Permission of instructor.

**NUR 803 Research Extension 1-3**

Research Extension.

**Prerequisites:** Permission of instructor.

**NUR 804 Advanced Research Methods 3**

Exposure to and experience with complex research methods that address emerging issues in nursing and health sciences knowledge. Course content addresses multiple areas of emerging and innovative research.

**Prerequisites:** NUR 702, NUR 703, NUR 704, NUR 707 or equivalents, or permission of instructor.

**NUR 810 Interventional Strategies to Promote Population Wellbeing 3**

Mechanisms to improve health status and outcomes within populations, appraised and used to reverse negative social determinants of health. Examining population health, health equity, health promotion, disease prevention, and community-based interventions across the lifespan.

**NUR 811 Advanced Primary Care Management I 4**

Contrasting nursing and medical care models are introduced, addressing disease prevention and health promotion approaches. Acute and common chronic health issues, their etiology, and evidence-based treatment options are examined across the lifespan.

**Prerequisites:** NUR 708, NUR 713, NUR 713L.

**Corequisites:** NUR 811L.

**NUR 811L Advanced Primary Care Management I Practicum 3**

The first in a series of clinical courses. Practicum for management of acute and chronic illness with emphasis on disease prevention and health promotion across the lifespan.

**Prerequisites:** NUR 708, NUR 709, NUR 713, NUR 713L.

**Corequisites:** NUR 709, NUR 811.

**NUR 812 Advanced Primary Care Management II 4**

All life stages, from birth to older adult, and their corollary health and illness trajectories are analyzed. Advanced assessment and interventions are developed to include a team-based approach to care management across the lifespan.

**Prerequisites:** NUR 709, NUR 811, NUR 811L.

**Corequisites:** NUR 812L.

**NUR 812L Advanced Primary Care Management II Practicum 3**

Practicum for management of acute and chronic illness with emphasis on disease prevention and health promotion across the lifespan.

**Prerequisites:** NUR 709, NUR 811, NUR 811L.

**Corequisites:** NUR 812.

**NUR 813 Primary Care Management for Aging or Frail Adults 4**

The complexities of acute to chronic disease, conditions of aging, and methods to aid older to frail adults and their families are assessed, managed, and evaluated to promote dignity and comfort.

**Prerequisites:** NUR 709, NUR 812, NUR 812L.

**Corequisites:** NUR 813L.

**NUR 813L Primary Care Management for Aging or Frail Adults Practicum 3**

Practicum for assessment, management, and evaluation of older adults and frail adults by the Adult Gerontological Nurse Practitioner in primary care.

**Prerequisites:** NUR 812, NUR 812L.

**Corequisites:** NUR 813.

**NUR 814 Integrated Clinical Management I for the Advanced Practice Nurse in Primary Care 2**

Emphasis is integration of adult patient management with leadership, use of data, and interprofessional collaboration in promotion of healthy lifestyles; evaluation and management of acute and chronic health problems.

**Prerequisites:** NUR 812, NUR 812L, NUR 813, NUR 813L.

**Corequisites:** NUR 814L.

**NUR 814L Integrated Clinical Practicum in Primary Care I for the Advanced Practice Nurse 3**

Practicum for integration of adult patient management with leadership, use of data, and interprofessional collaboration in promotion of healthy lifestyles; evaluation, and management of acute and chronic health problems.

**Prerequisites:** NUR 812, NUR 812L, NUR 813, NUR 813L.

**Corequisites:** NUR 814.

**NUR 815 Advanced Concepts for Professional Communication in Primary Health Care 2**

Complex simulations providing practice in skills necessary for professional communication, critical decision making, and collaboration for advanced practice nursing in primary health care.

**Prerequisites:** NUR 812, NUR 812L, NUR 813, NUR 813L.

**Corequisites:** NUR 815L.

**NUR 815L Advanced Procedures in Primary Care 1**

Complex simulations providing advanced skills in primary care procedures.

**Prerequisites:** NUR 812, NUR 812L, NUR 813, NUR 813L.

**Corequisites:** NUR 815.

**NUR 816 Integrated Clinical Management for the Advanced Practice Nurse in Primary Care 3**

Advanced primary care practicum emphasizing the ability to manage acute and chronic complex health conditions of adults demonstrating advanced critical decision making skills and integration of DNP essentials into advanced practice.

**Prerequisites:** NUR 812, NUR 813.

**Corequisites:** NUR 816L.

**NUR 817 Negotiating Role Functions in an Advanced Practice Role 2**

The alignment of advanced practice opportunities with career aspirations is mapped, with attention to negotiating, fulfilling, and optimizing knowledge, skills, and abilities in a selected position.

**NUR 818 Biostatistical Basis for Decision-Making 3**

Tools and techniques to interpret and measure treatment effectiveness, disease incidence and prevalence, and the efficacy of research findings are applied to population-level decision-making.

**Prerequisites:** Admission to D.N.P. program and undergraduate statistics course.

**NUR 819 Holistic Approaches to Leadership 3**

Individual and group behavior, foundations for organizational development, and leading in new economy networks will cultivate leadership capacity to lead and manage complex change.

**Prerequisites:** Admission to D.N.P. program.

**NUR 820 Seminar for Nurse Anesthesia Advanced Practice 1**

Focuses on the analysis of professional issues affecting anesthesia nursing practice.

**NUR 821L Comprehensive Clinical Practicum 3**

This clinical course is the synthesis of key clinical concepts that allows students to demonstrate knowledge and comprehension of the role of an advanced practice nurse.

**Prerequisites:** NUR 816, NUR 816L.

**NUR 824 Applied Theory in Advancing Practice 3**

Theory development and relevance to advance clinical and organizational practice is reinforced through curated exemplars. Seminal and emerging theories are discovered and analyzed for relevant practice interests.

**NUR 825 Analysis and Application of DNP Essentials: Clinical Scholarship and Analytical Methods for Evidence 1**

Analysis and integration of clinical scholarship and analytical methods for evidence-based practice applied to the role of the D.N.P. in nursing practice.

**Prerequisites:** Admission to the post master's D.N.P. program.

**NUR 826 Professional Advocacy and Networking in Healthcare 3**

Structural and relational networks are studied to advocate for access to care and to promote a seamless and cost-effective healthcare system. Interprofessional opportunities for advocacy are promoted.

**Prerequisites:** Admission to the graduate program.

**NUR 827 Analysis and Application of DNP Essentials: Organizational and Systems Leadership, Information Systems 3**

Analysis and integration of organizational systems leadership, information systems and technology, and clinical prevention and population health applied to the role of the D.N.P. in nursing practice.

**Prerequisites:** Admission to the post master's D.N.P. program.

**NUR 890A Scholarly Seminar I: Project Development 2**

A high-impact population-based problem will be articulated through organizational analysis, evidenced-based practice, standards identification, and metrics, to measure desired outcomes. Quality improvement techniques are reviewed to augment analysis and project implementation.

**Prerequisites:** NUR 705, NUR 818, NUR 824.

**NUR 890B Scholarly Seminar II: Project Implementation 2**

Implementation science and quality improvement principles are applied to a project plan, emphasizing the change agent-client system relationship, environmental drivers, and impediments to sustainable change.

**Prerequisites:** NUR 890A.

**NUR 890C Scholarly Seminar III: Evaluation, Conclusion, and Dissemination 2**

Evaluate and disseminate project outcomes to intra- and interprofessional peers and populations of interest using print and digital materials, professional publications, and speaking strategies.

**Prerequisites:** NUR 890B.

**NUR 898A Applied Evidence-Based Practice & Translational Methods****Project I 1**

An applied evidence-based practice and translational methods project to be completed sequentially in a five-course series.

**Prerequisites:** NUR 705.

**NUR 898B Applied Evidence-Based Practice & Translational Methods****Project II 1**

An applied evidence-based practice and translational methods project to be completed sequentially in a five-course series.

**Prerequisites:** NUR 898A.

**NUR 898C Applied Evidence-Based Practice & Translational Methods****Project III 1**

An applied evidence-based practice and translational methods project to be completed sequentially in a five-course series.

**Prerequisites:** NUR 898B.

**NUR 898D Applied Evidence-Based Practice & Translational Methods****Project IV 1**

An applied evidence-based practice and translational methods project to be completed sequentially in a five-course series.

**Prerequisites:** NUR 898C.

**NUR 898E Applied Evidence-Based Practice & Translational Methods****Project V 2**

An applied evidence-based practice and translational methods project to be completed sequentially in a five-course series.

**Prerequisites:** NUR 898D.