

# 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 220 Nursing Assessment of Well Individuals 1**

Introduction to basic nursing assessment of well individuals.

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

**Corequisites:** NUR 220L.

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

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

**Prerequisites:** Acceptance into the nursing major. concurrent enrollment in NUR 210 OR previous credit for NUR 210;

**Corequisites:** NUR 220.

## **NUR 300X Experimental Course 1-6**

This number reserved for experimental courses. Refer to the Course Schedule for current offerings.

## **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 355 Pathophysiology and Pharmacology for Nursing 4**

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

**Prerequisites:** NURS 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 400X Experimental Course 1-6**

This number reserved for experimental courses. Refer to the Course Schedule for current offerings.

**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 2**

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 511 Global Health in Nursing 2**

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 600X Experimental Course 1-6**

This number reserved for experimental courses. Refer to the Course Schedule for current offerings.

**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 606 Advanced Quality and Safety 3**

Prepares the student to apply principles of quality and safety at the unit level.

**Prerequisites:** Enrolled in Nursing Leadership and Management concentration of the M.S.N. program or M.S.N./M.B.A. program or permission or instructor.

**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 Nursing Leadership and Management concentration of the M.S.N. program or M.S.N./M.B.A. program or permission or instructor.

**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 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 Nursing Leadership and Management concentration of the M.S.N. program or M.S.N./M.B.A. program 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 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 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 643 Nursing Administration Practicum 4**

Application of leadership and administrative knowledge in a practice setting and completion of an administrative project while defining self in a professional leadership role.

**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 Administration Practicum 4**

Application of advanced leadership and administration 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 PhD 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 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 Research and Evidence Based Practice 3**

Provides content about the core principles and application of research and the science of evidence based practice.

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

**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 Pathophysiology for Advanced Practice Nursing 3**

Examination of physiological changes, common pathophysiological and compensatory mechanisms of diseases across the lifespan.

**NUR 709 Pharmacotherapeutics for Advanced Practice Nursing 3**

Advanced principles of pharmacotherapeutics of broad categories of pharmacologic agents used in young adults, adults, and older adults, including discussion of advanced nursing roles in prescription practices.

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

**Corequisites:** NUR 811 for A/GNP only.

**NUR 709S Pharmacology Seminar for Adult/Gerontological Nurse Practitioners 1**

Application of clinical pharmacology knowledge and skills to ensure safe prescribing practices for adult-gerontology nurse practitioners.

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

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

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

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

**Prerequisites:** Admission to PhD 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 Advanced Health Assessment and Diagnostic Reasoning 3**

This course builds upon prerequisite assessment skills and present the advanced principles of health assessment. Methodologies of data gathering, data analysis and theoretical integration of health assessment are emphasized.

**Prerequisites:** Baccalaureate-level health assessment course, NUR 708.

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

**NUR 713L Advanced Health Assessment and Diagnostic Reasoning Skills Lab 1**

Application of advanced health assessment and diagnostic reasoning skills using laboratory exercises.

**Corequisites:** NUR 713, NUR 708 (AGNP only).

**NUR 714 Informatics in Healthcare 3**

This course is focused on information systems, application of informatics in patient care, and data management to promote quality and safety in healthcare.

**Prerequisites:** Admission to MSN or DNP program, or permission of instructor.

**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 727 Basic Principles of Nurse Anesthesia Practice 5**

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 728 Physics and Mechanics of Anesthesia Delivery Systems 1**

This course 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.

**Corequisites:** NUR 728L.

**NUR 728L Physics and Mechanics of Anesthesia Delivery Systems Laboratory 1**

This course 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.

**Corequisites:** NUR 728.

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

This course 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**

This laboratory course emphasizes the principles of patient assessment for nurse anesthesia practice in the pre and perioperative periods.

**Corequisites:** NUR 729.

**NUR 730 Neuropathophysiology of Nurse Anesthesia 3**

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

**Prerequisites:** Enrollment in the Nurse Anesthesia concentration of the DNP program.

**NUR 732 Advanced Principles of Nurse Anesthesia Practice 4**

This course 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 728, NUR 728L, NUR 729, NUR 729L, NUR 730.

**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 750X Experimental Course 1-6**

This number reserved for experimental courses. Refer to the Course Schedule for current offerings.

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

Advanced knowledge of pharmacologic principles related to anesthetic medications.

**Prerequisites:** Admission to the Nurse Anesthesia concentration of the Doctor of Nursing Practice program.

**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 2**

This course 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**

This course focuses on advanced nurse anesthesia knowledge of the pharmacology of cardiovascular drugs.

**Prerequisites:** NUR 751.

**Corequisites:** NUR 714, NUR 753, NUR 772, NUR 898A.

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

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

**Prerequisites:** NUR 753, NUR 754, NUR 772.

**Corequisites:** NUR 757, NUR 773.

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

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

**Prerequisites:** NUR 753, NUR 754, NUR 772.

**Corequisites:** NUR 756, NUR 773.

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

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

**Prerequisites:** NUR 727, NUR 729, NUR 732.

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

This course 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 6**

This course 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.

**Corequisites:** NUR 732, NUR 751.

**NUR 771B Clinical Practicum in Nurse Anesthesia I 8**

This course 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 II 6**

This course 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 771B.

**Corequisites:** NUR 753, NUR 754.

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

This course 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.

**Corequisites:** NUR 756, NUR 757.

**NUR 773B Clinical Practicum in Nurse Anesthesia III 7**

This course 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 773A.

**NUR 774 Clinical Practicum in Nurse Anesthesia IV 6**

This course 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 773B.

**Corequisites:** NUR 759.

**NUR 775A Clinical Practicum in Nurse Anesthesia V 6**

This course 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.

**Corequisites:** NUR 758.

**Notes:** May not be repeated for credit.

**NUR 775B Clinical Practicum in Nurse Anesthesia V 6**

This course 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.

**Corequisites:** NUR 797.

**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 1-8**

Integrate evidence-based research, advanced scholarship, and translational research principles to the advanced practice setting in accomplishment of the practicum hours needed to accomplish the DNP Project.

**Prerequisites:** Admission to Post-Master's DNP Program.

**Notes:** May be repeated for credit up to 4 times to achieve required total credits for the program, 1000 post-baccalaureate advanced practicum hours, and complete the DNP project.

**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 810 Health Promotion and Disease Prevention for Advanced Practice Nursing 3**

Theories and application of health promotion and disease prevention from adolescence to elder adulthood for advanced practice nursing.

**NUR 811 Primary Care Management of the Adult I for Advanced Practice Nursing 4**

Management of acute and chronic illness with emphasis on disease prevention and health promotion among young adults, adults, and older adults.

**Prerequisites:** NUR 708, NUR 713, NUR 713L, NUR 810.

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

**NUR 811L Practicum for Primary Care Management of the Adult I for Advanced Practice Nursing 3**

First in a series of clinical courses. Practicum for management of acute and chronic illness with emphasis on disease prevention and health promotion among young adults, adults, and older adults.

**Prerequisites:** NUR 708, NUR 713, NUR 713L, NUR 810.

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

**NUR 812 Primary Care Management of the Adult II for Advanced Practice Nursing 4**

Management of acute and chronic illness with emphasis on disease prevention and health promotion among young adults, adults, and older adults.

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

**Corequisites:** NUR 812L.

**NUR 812L Practicum for Primary Care Management of the Adult II for Advanced Practice Nursing 3**

Practicum for management of acute and chronic illness with emphasis on disease prevention and health promotion among young adults, adults, and older adults.

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

**Corequisites:** NUR 812.

**NUR 813 Primary Care Management of the Older Adult and Frail Elder 4**

The management of older adults and frail elders by the Adult Gerontological Nurse Practitioner in primary care.

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

**Corequisites:** NUR 813L.

**NUR 813L Practicum for Primary Care Management of the Older Adult and Frail Elder 3**

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

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

**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 II for the Advanced Practice Nurse in Primary Care 6**

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 814, NUR 815.

**NUR 817 Advanced Practice Nursing for the DNP: Role, Theory, and Practice 3**

Theoretical application to the professional development of the DNP advanced practice nursing role in the health care delivery.

**NUR 818 Biostatistics and Epidemiology Principles for Advanced Practice Nursing 3**

Application of biostatistics and epidemiology for clinical decision making in advanced practice nursing. Focus on application to populations and clients across the lifespan and to settings of care.

**Prerequisites:** Admission to D.N.P. program or permission of faculty, undergraduate statistics course.



**NUR 819 Effective Leadership for Practice 3**

Principles and theories of leadership to effectively practice in complex systems, organizations, and processes.

**Prerequisites:** Admission to DNP Program.

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

This seminar course focuses on the analysis of professional issues affecting anesthesia nursing practice.

**Prerequisites:** Pre- or Co-requisite NUR 620.

**NUR 824 Analysis and Application of DNP Essentials: Scientific Underpinnings for Practice and Advanced Nursi 2**

Integration of scientific underpinnings for practice and advanced nursing practice principles applied to the role of the D.N.P. in nursing practice.

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

**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 Analysis and Application of DNP Essentials: Health Care Policy for Advocacy in Health Care; and Inte 3**

Analysis and integration of health care policy for advocacy in health care and interprofessional collaborations for improving outcomes applied to the roles of the D.N.P. in nursing practice.

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

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