Nursing Core (NURS)

Courses

NURS 403. Cultural Fluency, Communication, and Ethics. 3 hours.
Provides a foundation of communication skills, teaching and learning theory, ethics, and cultural competence in providing nursing care.

NURS 404. Integrated Health Care: Concepts and Skills. 3 hours.
Provides the basis for understanding fundamental concepts to the practice of nursing across the life span. Theoretical concepts will be integrated with skills and clinical in Integrated Practicum I. Course Information: Prerequisite(s): NURS 421. Must enroll concurrently in NURS 401.

NURS 406. Integrated Health Care: Community. 2 hours.
Theories of community assessment, disease prevention, and health behavior are applied to promotion of health for communities and vulnerable populations. Understanding of systems and collaboration with the interprofessional team are emphasized. Course Information: Prerequisite(s): NURS 408 and credit or concurrent registration in NURS 414.

NURS 408. Integrated Health Care: Adult/Older Adult. 4 hours.
Clinical evaluation/management of common/complex problems in adults and older adults, emphasizes pathophysiology and management strategies in context of culture and ethnicity. Course Information: Prerequisite(s): NURS 421 and NURS 422 and NURS 404 and NUPR 405.

NURS 409. Health Assessment and Communications. 5 hours.
Introduction to physical assessment and interview skills necessary to assess health status of clients across the lifespan. Concepts of communication, health literacy, patient-centeredness are investigated as they impact health and risk assessment. Course Information: Prerequisite(s): Successful completion of preadmission required courses. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

NURS 411. Foundations of Nursing Practice. 7 hours.
Introduction to professional nursing emphasizing clinical and scientific concepts, nursing process, clinical judgement, patient safety, communication and teaching/learning, and technology in the care of patients and their care partners. Course Information: Prerequisite(s): Successful completion of preadmission required courses. Corequisites: BSN: NURS 420. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice and one Laboratory.

NURS 412. Integrated Health Care: Women, Children and Family. 4 hours.
Care for women throughout the lifespan, including pregnancy, birth, the postpartum, and interconceptional periods and throughout the aging process. Course Information: Prerequisite(s): NURS 408 and NURS 414.

NURS 414. Integrated Health Care: Mental Health. 2 hours.
Application and integration of biopsychosocial concepts and principles to the mental health care of individuals and groups across the continuum of care, including health promotion and illness prevention, maintenance and rehabilitation. Course Information: Prerequisite(s): NURS 401 and NURS 402 and NURS 404 and NUPR 405; and graduate standing.

NURS 419. Pathophysiology and Pharmacology 1. 4 hours.
Provides pathophysiologic and pharmacologic concepts critical to developing clinical judgement focusing on common disease processes across the lifespan, and on therapeutic and toxic effects of associated major drug classes. Course Information: Prerequisite(s): Successful completion of preadmission required courses.

NURS 420. Patho-Pharm 2. 3 hours.
Provides pathophysiologic and pharmacologic concepts critical to developing clinical judgement focusing on common disease processes across the lifespan, and on therapeutic and toxic effects of associated major drug classes. Course Information: Prerequisite(s): NURS 419.

NURS 421. Pathophysiology. 3 hours.
Pathophysiologic concepts critical to clinical decision making focusing on commonly occurring disease processes across the lifespan.

NURS 422. Pharmacology. 3 hours.
Pharmacological concepts critical to clinical decision making focusing on therapeutic and toxic effects of major drug classes. Course Information: Prerequisite(s): NURS 421.

NURS 423. Adult Health Nursing 1. 7 hours.
Using clinical and simulation-based education modalities, students apply nursing theory and concepts to develop knowledge and skills needed for safe and effective nursing care across diverse adult and older adult patient populations and settings. Prerequisite(s): BSN: NURS 409 and NURS 411 and NURS 419; MSN-GE: NURS 409 and NURS 411 and NURS 420. Corequisite(s): BSN: NURS 420. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 433. Adult Health Nursing 2. 6 hours.
Using clinical and simulation-based education modalities, students apply nursing theory and concepts to develop knowledge and skills needed for safe and effective nursing care across diverse adult and older adult patient populations and settings. Prerequisite(s): NURS 423. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 438. Introduction to Evidence-Based Practice. 3 hours.
Builds a foundation of concepts, methodology, and research appraisal associated with evidence-based practice and quality indicators of nursing care. Concepts of patient care technology will be explored.#Prerequisite(s): NURS 423.

NURS 443. Nursing Care of Women and Childbearing Families. 4 hours.
Applies nursing knowledge and skills in the care of women and childbearing families. Course information: Prerequisite(s): BSN students: NURS 420 and NURS 423. MSN-GE students: NURS 423. Corequisite(s): BSN students may either take NURS 420 and NURS 423 prior to enrolling in NURS 443 or enroll concurrently these courses. Class Schedule Information: To be properly registered, students must enroll one Lecture-Discussion and one Clinical Practice.

NURS 448. Leadership in Professional Nursing Practice. 6 hours.
Application of principles of nursing leadership, management, health policy, and systems thinking to management of diverse groups of clients and systems to promote equity and inclusive care competencies. Prerequisite(s): NURS 433 and NURS 438 and NURS 443 and NURS 463. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 453. Pediatric Health Nursing. 4 hours.
Equips students with the essential skills and knowledge to provide specialized nursing care for infants, children, adolescents, and families addressing developmental, medical, and psychosocial aspects of pediatric patients. Course Information: Prerequisite(s): NURS 423. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 458. Transition to Professional Nursing Practice. 4 hours.
Prepares students for entry to professional nursing practice. Preparation for successful NCLEX-RN testing and job acquisition is included. Course Information: Prerequisite(s): BSN: NURS 433 and NURS 438 and NURS 443 and NURS 463; MSN-GE: NURS 443 and NURS 453 and NURS 463 and NURS 473. Corequisite(s): BSN: NURS 448 and NURS 453 and NURS 473 can be taken either prior to enrolling in NURS 458 or concurrently with NURS 458.

NURS 463. Psychiatric-Mental Health Nursing. 4 hours.
Application of nursing knowledge and skills in the integration of biopsychosocial concepts and principles into care of individuals and groups across the lifespan. Course information: Prerequisite(s): MSN-GE: NURS 409 and NURS 411 and NURS 420. Corequisite(s): MSN-GE: NURS 423; BSN: Both NURS 420 and NURS 423 can either be taken prior to taking NURS 463 or concurrently with NURS 463. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 473. Population Health Nursing. 0-5 hours.
Application of nursing knowledge and skills in the care of populations in various community settings. Course Information: Prerequisite(s): NURS 423. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Clinical Practice.

NURS 502. Ethical Foundations and Communication Across Cultures. 3 hours.
Examination of diverse cultures, identities, and therapeutic communication within healthcare systems. Ethical principles and their relationship to the social determinant of health guiding nursing practice are explored.

NURS 503. Quality Improvement and Clinical Synthesis. 6 hours.
Quality improvement and clinical synthesis. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Clinical Practice.

NURS 511. Epidemiology & Statistics for Evidence-Based Practice. 4 hours.
Application and interpretation of statistical and epidemiological techniques appropriate for health sciences. Prepares students to think quantitatively, assess data critically, and apply epidemiological methods to disease prevention and control. Course Information: Prerequisite(s): An undergraduate statistics course.

NURS 514. Applied Biostatistics and Epidemiology. 3 hours.
Establishes a foundation of statistical and epidemiological literacy. Students apply an epidemiological approach and engage in analyses and data visualization to inform quality improvement and improve population and global health. Course Information: Prerequisite(s): An undergraduate statistics course.

NURS 515. EBP 1: Theoretical Foundations for Evidence-Based Practice. 3 hours.
Emphasizes interrelationships among theory, research, and practice as background knowledge needed to critically appraise the literature and effectively engage in evidence-based nursing practice. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 511.

NURS 516. EBP 2: Implementing Evidence-Based Practice. 3 hours.
Using critical appraisal of the literature, clinical evidence, and health systems to plan the implementation and evaluation of interprofessional strategies for high quality, cost-effective health outcomes. Course Information: Prerequisite(s): NURS 515.

NURS 517. Leadership, Policy, and Interprofessional Collaboration: Effecting Change in Complex Health Systems. 3 hours.
Focus on principles of leadership, change management, health care policy, and systems theory to improve health care outcomes within complex systems.

NURS 518. Quality and Safety Through Health Technologies. 3 hours.
Examination of individual and system-level factors which impact the quality of health outcomes. Focus on the use of technology and data, including information systems, in improving the safety and quality of health care.

NURS 519. Health Equity and Social Determinants. 3 hours.
Consideration of social determinants of health and their impact. Emphasis on ethical implications for vulnerable communities disproportionately affected by the intersectionality of multiple determinants.

NURS 520. Health Equity and Social Determinants. 3 hours.
Introduces students to social determinants of health and their influence on population health, with an emphasis on systems and structures as drivers of access and equity.

NURS 521. Advanced Physiological and Pathophysiological Principles Across the Lifespan. 4 hours.
Examines physiological and pathophysiological principles relevant to clinical practice across the lifespan.

NURS 522. Health Policy and Advocacy. 3 hours.
Examines healthcare system dynamics and policy issues, improves advocacy skills for stakeholder engagement, and incorporates the societal influences on policy work. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 520.

NURS 523. Population Health Across the Healthcare Continuum. 3 hours.
Applies principles of health promotion and emergency preparedness to address health needs of diverse communities. It emphasizes a population focused nursing process that integrates stakeholders and addresses ethics and sustainability. Course Information: Prerequisite(s): NURS 520.

NURS 524. Foundations for Scholarship. 3 hours.
Emphasizes the foundations for scholarship; differences between research and quality improvement; hierarchy, levels and quality of evidence; accessing quality evidence; human subjects protection; and scholarly writing skills. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 514.

NURS 531. Advanced Pharmacotherapeutics. 3 hours.
Examines advanced principles of pharmacotherapeutics, including medication selection factors, client adherence, and legal issues across the lifespan. Course Information: Prerequisite(s): NURS 521; or NURS 535; or NUNA 512.

NURS 532. Comprehensive Health Assessment for Advanced Nursing Practice. 4 hours.
Covers techniques required to complete a comprehensive health history and physical examination across the lifespan. Course content emphasizes normal and abnormal findings, documentation, and diagnostic reasoning. Course Information: Prerequisite(s): NURS 210. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NURS 533. Applied Pharmacotherapeutics in Advanced Practice in Nursing. 1-2 hours.
Application of pharmacology principles to sub-specialty populations. Course Information: May be repeated to a maximum of 2 hours. Prerequisite(s): Credit or concurrent registration in NURS 531. NUSP 534 is an additional prerequisite for Adult-Gerontology Acute Care NP and Adult-Gerontology Primary Care NP students.

NURS 534. Advanced Physiological Principles Across the Lifespan. 2 hours.
Advanced contemporary physiologic principles and their relevance to clinical practice across the lifespan. Course Information: Prerequisite(s): Introductory courses in Physiology and Pathophysiology.

NURS 535. Advanced pathophysiology across the lifespan. 3 hours.
Critically examines the pathophysiologic mechanisms of disease across the lifespan. Course Information: Prerequisite(s): NURS 534.

NURS 538. Quality and Safety in Healthcare. 3 hours.
Employs established and emerging principles of safety and improvement science that underpin the core values of nursing practice: to enhance quality and safety in healthcare through individual performance and system effectiveness. Prerequisite(s): NURS 524.

NURS 539. Informatics and Healthcare Technology. 3 hours.
Discusses care delivery through healthcare technologies and informatics, to expand knowledge, drive decisions, and evaluate emerging technologies to optimize practice and outcomes.

NURS 540. Issues in Advanced Practice Nursing and Policy Implications. 3 hours.
Includes principles of advocacy and building collaborations to influence policy development and implementation. Focus on advanced practice nursing issues and roles from historical and contemporary perspectives and effect on future APN practice. Course Information: Prerequisite(s): NURS 517.

NURS 541. Nursing Information Systems and Technology: Supporting care and generating evidence. 3 hours.
Focuses on developing competencies to provide health care organization leadership in the design, selection, and implementation of interoperable information systems and technology supporting all nursing care and continuously generating evidence. Course Information: Prerequisite(s): NURS 518.

NURS 542. Health Promotion Theories and Population-focused Interventions. 3 hours.
Translate theories/models of health promotion and disease prevention for individual, population, and systems-focused nursing practice. Assessment, program planning, intervention and evaluation application for population-based health care. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 516. Class Schedule Information: To be properly registered, student must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 544. APRN Role Transition and Professional Development. 2 hours.
Provides a comprehensive overview of the professional development and career transition to the advanced practice registered nurse role, emphasizing professional, regulatory, business, legal, and ethical issues. Course Information: Prerequisite(s): NURS 522 or approval of instructor.

NURS 545. Strategic Business Planning in Healthcare. 3 hours.
Discusses strategies to apply business planning tools for developing a comprehensive business plan that incorporates strategic management, financial analysis, and strategies to respond to the changing healthcare environment.

NURS 546. Translating Evidence to Practice. 3 hours.
Emphasizes problem identification with practice partners for the DNP project, synthesizing literature related to problem and solutions, writing introduction and literature review for identified problem, and potential outcome measures. Course Information: Prerequisite(s): NURS 538.

NURS 547. DNP Project Proposal Development. 3 hours.
Focuses on completion of the DNP project proposal, emphasizing methods, budget, timeline, and sustainment plan; apply change management and improvement science principles; and design practices that enhance value, access and quality. Course Information: Prerequisite(s): NURS 545 and NURS 546. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Clinical Practice.

NURS 553. Strategic and Financial Planning for Clinical Programs. 3 hours.
Provides decision makers with state of the art tools to analyze issues affecting health care and formulate financially viable strategic plans for healthcare initiatives.

NURS 555. EBP 3: DNP Proposal Development for Translating Evidence to Practice. 3 hours.
Development of a DNP proposal that addresses a complex practice, process, or systems issue within the student's field of expertise. Course Information: Prerequisite(s): NURS 516 and Credit or concurrent registration in NURS 553 and NURS 542. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Clinical Practice.

NURS 566. Developing Literature Reviews. 2 hours.
Prepares the student to conduct a rigorous literature review, synthesize the literature, and draft a literature review manuscript in an area of interest. Course Information: Previously listed as NUEL 556. Prerequisite(s): Open only to Ph.D. degree students; or consent of the instructor.

NURS 568. Grant Writing for the Nurse Scientist. 2 hours.
Prepares students to submit their first competitive grant application. This course emphasizes the process of writing the grant proposal. Course Information: Previously listed as NUEL 558. Prerequisite(s): Credit or concurrent registration in NURS 572; or consent of the instructor. Corequisites: Students are expected to work closely with their adviser during this course and to register for at least 1 credit hour of NUEL 596 with their adviser.

NURS 570. Philosophy of Science for Health Research. 3 hours.
Traces the development of scientific reasoning and explanation from Aristotle to the present, focusing on the nature of knowledge and role of truth for health research. Course Information: Prerequisite(s): Graduate level research course or consent of the instructor.

NURS 571. Theory and Theory Development for Nursing Research. 3 hours.
Methods of theory development and critical analysis of selected biological, behavioral, health service, and nursing theories which form the basis of nursing science are examined. Course Information: Prerequisite(s): Grade of B or better in NURS 570.

NURS 572. Research Design and Methods. 4 hours.
In-depth analysis of research design and methods, including such areas as design appropriateness and validity, sampling, quantitative and qualitative methods, research ethics, and interpretation. Course Information: Prerequisite(s): Grade of B or better or concurrent registration in NURS 570; and graduate level statistics or consent of the instructor.

NURS 573. Measurement in Health Research. 4 hours.
Comparison of qualitative and quantitative paradigms in measurement approaches of phenomena. Course Information: Prerequisite(s): Grade of B or better in NURS 572 and credit or concurrent registration in NURS 571 and credit or concurrent registration in the second course in graduate level statistics series; or consent of the instructor.

NURS 574. Qualitative Research in Nursing. 4 hours.
Major approaches to qualitative research including design, conduct, reporting, and firsthand experience in data collection and analysis. Course Information: Previously listed as NUEL 544. Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

NURS 586. Roles and Responsibilities of the Nurse Scientist. 2 hours.
Addresses the responsibilities/activities of a nurse scientist (i.e., ethical issues, scientific freedom, social justice, collaboration/negotiation, interdisciplinary research, peer review, program of research, funding, publications, careers, etc.). Course Information: Prerequisite(s): Enrolled in the PhD in Nursing Science program.

NURS 588. Nursing Leadership in Global Health. 2 hours.
Focuses on issues of global health/nursing leadership development to promote global health. Students become familiar with the influences of culture, health systems and structures as they interact with specific health issues/leadership challenges.

NURS 592. Preliminary Exam Preparation. 1-12 hours.
Literature review, reading and writing in preparation for the preliminary examination supervised by faculty research advisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 24 hours. Prerequisite(s): Completion of core courses and consent of the instructor.

NURS 599. PhD Thesis Research. 0-16 hours.
Doctoral student thesis research. Course Information: Satisfactory/Unsatisfactory grading only. CON students must register for a minimum of one (1) credit. The CON does not allow students to register for zero (0) hours. Prerequisite(s): Consent of the instructor.