

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 412.

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 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 416. Bioethics. 2 hours.

Examine ethical decision-making models as applied to nursing. Analyze use of ethics committees, resolution of conflict around ethical dilemmas, impact of cultural/gender influences on ethical decision-making and nursing's role as patient advocate. Course Information: Prerequisite(s): NURS 401 and NURS 402 and NURS 404 and NUPR 405; and graduate standing.

NURS 418. Leadership in Professional Practice. 3 hours.

Theories of leadership/management are analyzed in relationship to the new healthcare delivery system, nursing role, evidence-based practice, future trends and the professional education continuum. Course Information: Prerequisite(s): NURS 406 and NURS 408 and NURS 412 and NURS 414 and NUPR 415; and graduate standing.

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 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 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 525. Intermediate Statistics. 3 hours.

Application and interpretation of statistical techniques appropriate for health sciences. Prepares students to think quantitatively, use computer to perform statistical analysis, and assess data critically. Course Information: Prerequisite(s): An undergraduate statistics course.

NURS 526. Nursing Inquiry I. 2 hours.

First of two courses examining interrelationships among theory, research and practice, as integral components of evidence-based practice, emphasizing concepts, theory analysis, and problem identification. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 525 or Credit or concurrent registration in BSTT 400 or the equivalent.

NURS 527. Nursing Inquiry II. 2 hours.

Second of two courses examining interrelationships among theory, practice and research as integral components of evidence-based practice, emphasizing research methods and ethical issues. Course Information: Prerequisite(s): NURS 526.

NURS 528. Health, Environment, and Systems. 2 hours.

Examination of the environmental context in which health care in the United States is delivered and received, with an emphasis on populations, policy, cost, access, and quality.

NURS 529. Issues of Advanced Practice in Nursing. 1 hour.

Examines advanced practice in nursing from historical, contemporary, and future dimensions. Course Information: May be repeated. Students may register in more than one section per term. Only students enrolled in specific nursing concentrations are allowed to repeat course. Prerequisite(s): NURS 528.

NURS 530. Introduction to the Clinical Nurse Specialist Role. 1 hour.

Models and role competencies of the clinical nurse specialist. Course Information: Prerequisite(s): NURS 527.

NURS 531. Pharmacotherapeutics. 3 hours.

Advanced principles of pharmacotherapeutics, including legal issues, client adherence, and medication selection factors. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 534.

NURS 532. Comprehensive Health Assessment for Advanced Nursing Practice. 4 hours.

Building on prior basic history and physical exam skills, covers physical, psychosocial, developmental, occupational, sexual, spiritual, and cultural assessment across the lifespan, emphasizing normal and abnormal finding differences & documentation. 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. NURS 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.

Critical examination of the pathophysiologic mechanisms of disease across the lifespan. Course Information: Prerequisite(s): NURS 534.

NURS 536. Physiologic Basis of Nursing Practice Across the Adult Lifespan. 4 hours.

Advanced contemporary physiologic principles and their relevance to clinical practice in the adult patient. Course Information: Prerequisite(s): An undergraduate physiology course or consent of the instructor.

NURS 537. Pathophysiological Basis of Disease. 3 hours.

Pathophysiologic responses and risk behaviors that are linked to the leading causes of morbidity and mortality in the United States. Course Information: Prerequisite(s): NURS 536 or the equivalent; or consent of the instructor.

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 550. Evidence-Based Practice. 3 hours.

Application of evidence-based practice to healthcare delivery systems and clinical issues. Emphasizes the integration of retrieved evidence with client preferences in order to design and evaluate best practices. Course Information: Prerequisite(s): NURS 527 or the equivalent.

NURS 551. Promoting Health: Translating Science to Practice. 3 hours.

Examine theories/models of health promotion, disease prevention, and teaching/learning for their application to direct care and systems-focused nursing practice. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 550.

NURS 552. Advanced Nursing Leadership Concepts. 3 hours.

Emphasizes leadership in direct care and systems-focused advanced nursing practice roles. Focuses on synthesis of theoretical leadership concepts with personal/professional values and working with multiple disciplines and multiple constituencies. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 528 or the equivalent.

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 554. Translating Evidence to Clinical Practice. 3 hours.

In this course, the student develops competencies in effectively utilizing methods and measures for translating evidence to clinical practice. Course Information: Prerequisite(s): NURS 550.

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 560. Synthesis Project Development. 1-4 hours.

Students design a doctoral nursing practice project related to an aggregate of individuals/selected population of interest. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Consent of the instructor.

NURS 561. Synthesis Project Implementation. 1-4 hours.

Students implement a doctoral nursing practice project related to an aggregate of individuals/selected population of interest. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): NURS 560 and consent of the instructor.

NURS 562. Synthesis Project Evaluation and Dissemination. 1-4 hours.

Students analyze and disseminate findings from the doctoral nursing practice project. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): NURS 561 and consent of the instructor.

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 585. Advanced Research Seminar. 1-2 hours.

Integrates theory and methods for health research. Topics vary according to student interests and instructor availability. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. A minimum of 2 hours of credit is required; a maximum of 4 hours of credit may be applied toward the Ph.D. Prerequisite(s): Open only to Ph.D. degree students; and consent of the instructor.

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 590. Leadership in Scientific Careers. 1 hour.

Analyzes components of leadership in science at the national and global levels. Analyzes factors and issues of the discipline affecting a research career. Analyzes the interdependency of the science to policy cycles of influence. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): NUPR 593.

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 597. Master's Project. 0-16 hours.

Master's student project research. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.

NURS 598. Thesis Research: Masters. 0-16 hours.

Master's student thesis research. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): 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.