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. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 516.

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 hour.
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. 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. 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 567. 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 568. 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): NURS 567.

NURS 570. Advanced Research Design. 4 hours.
In-depth analysis of research design, including such areas as
design appropriateness and validity, sampling, research ethics, and
interpretation. Application of the content to nursing and related fields.
Course Information: Prerequisite(s): Credit or concurrent registration in
NURS 570; and graduate level statistics or consent of the instructor.

NURS 571. Measurement in Health Research. 4 hours.
Qualitative and quantitative measurement theories; assessment of
reliability, validity, and data quality. Critical analysis of measurement
issues across the continuum of measures in health research. Course
Information: Prerequisite(s): NURS 570 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 575. 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 576. 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 577. 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.