NURSING (8200)

8200:509 International Health (2-3 Credits)
Prerequisite: Admission to MSN program. A comparison of nursing roles and responsibilities in an international environment. The influence of education ethics, government, demography and geography on health care will be considered.

8200:512 Global Perspectives of Health and Health Care (0 Credits)
Prerequisite: Senior or graduate status. (May be repeated for a maximum of 6 credits.) Cultural, political, educational, and economical perspectives of different regions of the world and the impact of these factors on health will be compared and examined.

8200:553 School Nurse Practicum I (5 Credits)
Prerequisites: 5570:521 and 5570:523. Prerequisite or corequisite: 8200:650. Emphasis on clinical primary health care nursing to enhance positive health behavior outcomes of well children and adolescents with minor conditions in family, community, school contexts.

8200:554 School Nurse Practicum II (5 Credits)
Prerequisites: 5570:521, 5570:523, 8200:650, and 8200:553. Emphasis on primary health care nursing to enhance positive health behavior outcomes of children/adolescents with minor common health or behavioral problems and chronic illnesses.

8200:561 Advanced Physiological Concepts in Health Care I (3 Credits)
Prerequisite: Admission to MSN Program. This course presents an in-depth study of physiological processes in the areas of neurological, neuromuscular and cardiovascular physiology and their interrelationship with therapeutic agents.

8200:562 Advanced Physiological Concepts in Health Care II (3 Credits)
Prerequisite: 8200:561. This course presents an in-depth study of physiological processes in the areas of respiratory, renal and endocrine physiology and their interrelationship with therapeutic agents.

8200:563 Special Topics: Nursing (1-4 Credits)
(May be repeated as new topics are presented) Group studies of special topics in nursing. May not be used to meet requirements for the major in nursing. May be used for elective credit.

8200:593 Workshop (1-4 Credits)
(May be repeated as new topics are presented) Selected topics in nursing. May be used to meet undergraduate/graduate requirements at the discretion of the college.

8200:600 Episodic Primary Care of the Family (4 Credits)
Prerequisites: 8200:608, 8200:610, and 8200:612 with grades of B- or better. Episodic Primary Care focuses on care of the patient throughout the lifespan and treatment of episodic care, wellness, primary, secondary and tertiary care.

8200:602 Advanced Adult/Gero Assessment/FNP (2 Credits)
Prerequisites: 8200:608 and admission into the Post MSN FNP Certificate Program for the Pediatric Nurse Practitioner. Advanced adult/gerontological assessment and clinical reasoning for primary health care nursing of adults, with introduction to differential diagnosis and clinical management.

8200:603 Theoretical Basis for Nursing (3 Credits)
Prerequisite: admission to MSN program. Overview of extant nursing science. Evaluation and critique of nursing conceptual models. Analysis of the relationships of theory, research, and practice.

8200:604 Family Assessment Process in Nursing (2 Credits)
Prerequisite: Admission in Graduate Program. Provides advanced practice nurses with information regarding Nursing assessment and interventions techniques that can be used with families in a variety of health care settings.

8200:605 Child & Family Interventions for Psychiatric Nurse Practitioners (3 Credits)
Prerequisites: 8200:610, 8200:611, 8200:650, 8200:661, 8200:665. Introduction to family and child focused interventions related to psychiatric problems. Theories, strategies and evidence-based method with an emphasis upon cognitive-behavioral approaches will be included.

8200:606 Information Management in Advanced Nursing Practice (3 Credits)
Prerequisites: Admission to the MSN Program, Completion of Graduate Statistics and/or co-requisite 613. This course is focused on nursing informatics to support clinical-decision making in advance practice and administration.

8200:607 Policy Issues in Nursing (2 Credits)
Prerequisite: Admission to MSN program. Analysis of policy issues that impact on nursing and health care delivery to diverse population(s). Examine methods to shape policy, distribution, and allocation of resources.

8200:608 Pathophysiological Concepts of Nursing Care (3 Credits)
Prerequisite: Admission to MSN program. In-depth study of pathological conditions and related treatment modalities. The course focuses on specific nursing interventions related to these pathophysiological abnormalities.

8200:609 Advanced Pathophysiology for Nurse Anesthetist (3 Credits)
Prerequisite: admission to the MSN program. In-depth study of pathological conditions and related treatment modalities. The course focuses on specific nursing interventions related to these pathophysiological abnormalities.

8200:610 Advanced Health Assessment (3 Credits)
Prerequisites: Admission to one of the Advanced Practice Nursing tracks or permission of instructor and 8200:608. Advanced assessment and clinical reasoning for primary health care nursing of individuals across lifespan, with introduction to differential diagnosis and clinical management.

8200:611 Advanced Mental Health Assessment Across the Lifespan (3 Credits)
Prerequisite: 8200:608 or permission of instructor. Concepts related to psychoneuroimmunology will be examined with application to differential diagnosis of behavioral health disorders commonly used by advanced practice behavioral health nurses.

8200:612 Advanced Clinical Pharmacology (3 Credits)
Prerequisites: Admission to MSN program and 8200:608. Examines principles of pharmacology and therapeutics for major pharmacological agents used by advanced practice nurses to manage common health problems in primary care settings.

8200:613 Nursing Inquiry I: Promoting a Spirit of Inquiry (3 Credits)
Prerequisites: admission to MSN program. Concepts and ethical issues relating to scientific inquiry are examined, emphasizing the phases of the research process. Students participate in critical analysis of nursing research.
8200:614 Advanced Concepts for Family Psychiatric-Mental Health Nurse (3 Credits)
Prerequisites: 8200:610 and 8200:611 (may be taken concurrently) and Acceptance into the Psychiatric Family Nurse Practitioner track or permission of the course faculty. Examination and application of theories for individual, groups and families with complex psychiatric-mental health needs. Emphasis upon development of advanced competencies in conceptualizing and planning interventions. Phenomena from case studies will be used.

8200:615 Family Psychiatric Mental Health Nurse Practitioner: Child/Family (3 Credits)

8200:616 Advanced Pediatric/Adolescent Assessment/FNP (2 Credits)

8200:617 Advanced Pharmacology:Child/Adolescent Health Nursing/FNP (2 Credits)
Prerequisites: 8200:608 or equivalent course. Certified Adult or Gerontological Nurse Practitioner with Certificate of Authority to practice in Ohio. Emphasis on major categories of pharmacological agents, class of agents, influencing developmental outcomes of children/adolescents in ambulatory, acute and chronic care environments for FNPs.

8200:618 Nursing Inquiry II (3 Credits)
Prerequisite: 8200:613. Emphasis on development of competencies in scientific inquiry. Research practicum will involve a) a pilot study; or b) participation in faculty research.

8200:619 Principles of Evidence Based Practice (3 Credits)
Prerequisite: Admission to the graduate program. Exploration of the role of nursing research on the profession, how evidence-based practice is guided by research to improve nursing practice.

8200:620 Adult/Gerontological Health Nursing NP I (2 Credits)
Prerequisite: Admission to the Adult/Gerontological Nurse Practitioner track or Post-MSN certificate program; prerequisite or corequisite: 610. Research and theory integral to advanced nursing practice of adults/older adults/families with selected common health problems. Emphasis on comprehensive assessment, health promotion, and risk reduction.

8200:621 Adult/Gerontological Health Nursing NP II (2 Credits)
Prerequisites: 8200:610, 8200:620 or its equivalent for the Post-MSN, and 8200:627. Prerequisite or corequisite: 8200:612. Corequisites: 8200:628 and 8200:690. Focuses on problems common to acute illness in adults, older adults in acute, episodic care settings. Multidisciplinary care planning and coordination are emphasized, including transition to community-based care.

8200:622 Adult/Gerontological Health Nursing NP III (2 Credits)
Prerequisites: 8200:621 or the equivalent for the Post-MSN, 8200:628, and 8200:690. Corequisites: 8200:629 and 8200:692. Focuses on nursing care of middle aged/older adults and their families experiencing chronic illness. Emphasizes management of problems common to chronic care and rehabilitation.

8200:624 Adult/Gerontological Health Nursing NP IV (1 Credit)
Prerequisites: 8200:622, 8200:629, and 8200:692. Corequisites: 8200:623 and 8200:694. Integration of knowledge and skills for a population of adults/older adults with emphasis on problems of increasing complexity. Issues integral to APN practice are addressed.

8200:625 Primary Care of the OB Patient/FNP (1 Credit)

8200:626 Adult/Gero NP Residency (1-4 Credits)

8200:627 Adult/Gerontological Health Nursing NP I Practicum (2 Credits)
Prerequisite: admission to the Adult/Gerontological Nurse Practitioner Program or Post-MSN certificate program; prerequisite or corequisite: 610; corequisite: 620 or its equivalent for Post MSN. Practicum with emphasis on comprehensive assessment, health promotion, and risk reduction of the adult/older adult.

8200:628 Adult/Gerontological NP II Practicum (2 Credits)
Prerequisites: admission to Adult/Gerontological NP track or Post-MSN certificate program, 8200:620 or its equivalent to Post-MSN, and 8200:627. Corequisites: 8200:621 or its equivalent for the Post-MSN and 8200:690. Practicum with emphasis on health appraisal/risk reduction and common, uncomplicated acute or chronic illness states of the adult/older adult/families.

8200:629 Adult Gerontological Health Nursing NP III Practicum (2 Credits)

8200:630 Resource Management in Nursing Settings (3 Credits)
Prerequisite: Admission to Graduate Program or permission of instructor. Examines management of fiscal and human resources in nursing service settings; analyzes impact of economics and labor relations on health and nursing care.

8200:631 Adult/Gero Health Nursing NP IV Practicum (2 Credits)

8200:632 Fiscal Management for Nursing Administration (3 Credits)
Prerequisite: Admission to Graduate Program or permission of instructor. Examines management of fiscal resources in nursing service settings.

8200:633 Leadership in Nursing Organizations I (3 Credits)
Prerequisites or corequisites: 8200:630, 8200:632, and 8200:635. Leadership and management theories are utilized to guide practice in the role of nurse administrator.

8200:634 Leadership in Nursing Organizations II (3 Credits)
Prerequisites: 8200:633 and 8200:638. Leadership and management theories are utilized to guide study of the role of nurse administrator.
8200:635 Organizational Behavior in Nursing Settings (3 Credits)
Prerequisites: Admission to Graduate Program or permission of instructor. Examines organizational behavior theories/principles related to systems analysis and assessment of organizational structure in nursing settings.

8200:636 Adult/Gerontological Health Nursing CNS Residency (2-4 Credits)
Prerequisites: 8200:673 and 8200:679. This clinical residency focuses on components of influencing change, systems thinking, leadership within a multidisciplinary collaborative environment using outcome measurement and evaluation.

8200:637 Nurse Anesthesia Residency I (4 Credits)
Prerequisites: 8200:644 and 8200:645. This course introduces the second year student to the art and science of both obstetrical and pediatric anesthesia related theory, research, and practice.

8200:638 Practicum: Nursing Administration I (2 Credits)
Prerequisites: Admission to Graduate Program or permission of instructor. Corequisite: 8200:633. Leadership and management theories are utilized to guide practice in the role of nurse administrator.

8200:639 Practicum: Nursing Administration II (2 Credits)

8200:640 Scientific Components of Nurse Anesthesia (3 Credits)
Prerequisite: admission into the Nurse Anesthesia program. The course presents content dealing with the chemical and physical components of anesthesia agents.

8200:641 Advanced Pharmacology for Nurse Anesthesia I (3 Credits)
Prerequisite: 8200:640. The study of intravenous induction agents, injectable analesgics and inhaled anesthetics commonly used in the administration of general anesthesia. Includes use of muscle relaxants.

8200:642 Anesthesia Techniques, Procedures, and Simulation Lab (4 Credits)
Prerequisite: Admission into the Nurse Anesthesia program. This course provides a general overview of anesthetic concepts and prepares students for their in-hospital residency. The course includes a lecture component and selected laboratory experiences.

8200:643 Advanced Health Assessment and Principles of Nurse Anesthesia I (4 Credits)
Prerequisite: 8200:640. This course focuses on the acquisition of basic skills related to nursing anesthesia care and administration of anesthesia agents, with a focus on equipment.

8200:644 Advanced Pharmacology for Nurse Anesthesia II (3 Credits)
Prerequisite: 8200:641. Focuses on mechanisms of drug transport within the human body for inhaled and injected medications. The effects of accessory drugs are also discussed.

8200:645 Advanced Health Assessment and Principles of Anesthesia II (4 Credits)
Prerequisite: 8200:643. Emphasis on pre-operative anesthesia care including induction techniques. Discusses airway management, fluid therapy, and ventilator use.

8200:646 Nurse Anesthesia Residency II (4 Credits)
Prerequisite: 8200:637. Concentration on the theoretical basis for specific nursing interventions and the rationale for their use in thoracic anesthesia, cardiac anesthesia, vascular anesthesia, and neuromuscular anesthesia management.

8200:647 Professional Role Seminar (2 Credits)
Prerequisites: 8200:644 and 8200:645. Discusses issues, concepts and theories related to the professional role of nurse anesthetists. Focuses on leadership/management content as well as professional ethical issues.

8200:648 Nurse Anesthesia Residency III (4 Credits)
Prerequisite: 8200:646. Focuses on the understanding of physiologic and pathophysiologic principles of particular organ systems and the relevant implication that govern anesthetic management.

8200:649 Nurse Anesthesia Residency IV (4 Credits)
Prerequisite: 8200:648. Comprehensive review of basic and advanced anesthetic concepts important to the entry-level nurse anesthetist.

8200:650 Advanced Pediatric/Adolescent Assessment (3 Credits)
Prerequisites: acceptance to Child and Adolescent Health Nursing track or permission of faculty and 8200:608. Corequisite: 8200:651. Advanced pediatric/adolescent assessment and clinical reasoning for primary health care nursing with introduction to differential diagnosis and clinical management.

8200:651 Child & Adolescent Health Nursing I (3 Credits)
Primary health care nursing to enhance positive health behavior outcomes of well children/adolescents and those with minor health disruptions and problems in family/community contexts.

8200:652 Child and Adolescent Health Nursing I Practicum (2 Credits)
Prerequisite: Admission into Child and Adolescent Health Nursing NP track or Post-MSN Child and Adolescent Health NP program. Clinical practicum course emphasizing primary health care nursing to enhance positive health behavior outcomes of well children/adolescents and those with minor health disruption/problems in family/community contexts.

8200:653 Child and Adolescent Health Nursing II Practicum (2 Credits)
Prerequisite: 8200:651. Clinical practicum course emphasizing primary health care nursing to enhance positive health behavior outcomes of children, adolescents with acute and/or chronic health disruption in family/community contexts.

8200:654 Child and Adolescent Health Nursing III Practicum (2 Credits)
Prerequisite: 8200:655. Clinical practicum course emphasis on advanced practice in primary health care using consultation and program development, marketing related to development and health behavior outcomes of children, adolescents and families.

8200:655 Child & Adolescent Health Nursing II (3 Credits)
Emphasis on primary health care nursing to enhance positive health behavior outcomes of children/adolescents with acute and/or chronic health disruptions in family/community contexts.

8200:656 Pharmacology for Child & Adolescent Health Nursing (3 Credits)
Prerequisite: Admission to Graduate Program. Emphasis on major categories of pharmacological agents, that influence developmental outcomes of children/adolescents in ambulatory, acute and chronic care environments.

8200:657 Child & Adolescent Health Nursing III (3 Credits)
Emphasis on advanced practice in primary health care using consultation and program development/marketing related to developmental and health behavior outcomes of children/adolescents and families.
psychiatric settings are discussed.

8200:659 Child and Adolescent Health Nursing IV Practicum (2 Credits)
Prerequisite: 8200:657. Clinical practicum emphasizing integration of knowledge and skills with specific populations of vulnerable children/adolescents and their families. Emphasis on implementation of programmatic interventions and evaluation.

8200:660 Family Psychiatric Mental Health Nurse Practitioner I (2 Credits)

8200:661 Psychiatric Mental Health, APN I (3 Credits)
Prerequisites: Admission to Behavioral Health track, 8200:608, 8200:610, and 8200:650. Corequisites: 8200:611 and 8200:660. Concepts and theories of mental health promotion and disease prevention for individuals and families will be explored with emphasis upon interviewing and integrated treatment.

8200:662 Clinical Psychopharmacology (3 Credits)
Prerequisites: 8200:608, 8200:611, or instructor permission. Examines principles of neuroscience, pharmacology and therapeutics for psychopharmacologic agents used to manage adult mental health problems in variety of treatment settings.

8200:663 Psychiatric Mental Health APN Internship (1-4 Credits)
Prerequisites: 8200:661 and 8200:665. Focuses on behavioral health interventions with families and groups. Theoretical frameworks for direct intervention are examined.

8200:664 Psychiatric Mental Health-Acute, APN II Practicum (2 Credits)

8200:665 Psychiatric Mental Health-Acute, APN II (3 Credits)
Prerequisites: 8200:610, 8200:660, and 8200:661. Corequisite: 8200:664. Focuses on advanced practice behavioral health nursing with families/groups experiencing the stress of actual or potential health problems. Theoretical frameworks for direct intervention are examined.

8200:666 Psychiatric Mental Health Post MSN Residency (1-4 Credits)
Prerequisites: 8200:662 and 8200:665. Corequisites: 8200:665 and 8200:667. This clinical residency focuses on influencing leadership within a multidisciplinary collaborative environment in complex health systems providing individuals/clients, families and groups with psychiatric mental health care.

8200:667 Psychiatri Mental Health-Chronic, APN III (3 Credits)

8200:668 Psychiatric Mental Health-Chronic, APN III Practicum (2 Credits)

8200:669 Family Psychiatric Mental Health NP Role Synthesis Practicum (2 Credits)

8200:670 Family Psychiatric Mental Health NP Role Synthesis (3 Credits)

8200:672 Independent Study: Nursing (1-4 Credits)
Opportunity for advanced graduate nursing practice in a selected area of specialization.

8200:680 Child and Adolescent Health Nursing IV (3 Credits)
Prerequisite: 8200:657. Integration of evidenced based knowledge and skills related to programmatic interventions and evaluation in primary health care nursing with a specified population of vulnerable children/adolescents and their families.

8200:685 Child and Adolescent Health Nursing - Acute Care III (3 Credits)
Prerequisites: 8200:653 and 8200:655. Advanced practice in acute/critical intensive care areas with children with complex acute/critical/chronic conditions, responding to rapidly changing clinical conditions, recognizing/managing emerging crises, organ dysfunction and failure.

8200:686 Child and Adolescent Health Nursing - Acute Care III Practicum (2 Credits)
Prerequisites: 8200:653 and 8200:655. Clinical practicum emphasizing advanced practice in acute/critical intensive areas with children with complex acute/critical/chronic conditions, responding to rapidly changing conditions, recognizing/managing emerging crises, organ dysfunction and failure.

8200:687 Child/Adolescent Health Nursing-Acute Care IV (3 Credits)
Prerequisites: 8200:685 and 8200:686. Integration of knowledge/skills in acute care with children with complex, acute/critical/chronic conditions. Emphasis on stabilization, minimizing complications, providing physical/psychological care to restore maximal health potential and reduce health risks.

8200:688 Child and Adolescent Health Nursing-Acute Care IV Practicum (2 Credits)
Clinical practicum to integrate knowledge/skills in acute care with children with complex/acute/critical/chronic conditions. Emphasis on stabilization strategies to minimize complications, providing physical/psychological care, restoring maximal health to reduce health risks.

8200:689 Family Psychiatric Mental Health Nurse Practitioner: Child/Family Practicum (2 Credits)
8200:690 Clinical Management I (3 Credits)
Prerequisites: admission to the Adult/Gerontological Nursing Practitioner track or the Post-MSN Adult/Gerontological NP certificate program, 8200:620 or its equivalent for the Post-MSN, and 8200:627. Corequisites: 8200:621 and 8200:628. Clinical Management of common chronic and acute problems of adults in primary health care settings. Focus on episodic management using differential diagnosis and clinical reasoning.

8200:691 Acute Care Nurse Practitioner I (4 Credits)

8200:692 Clinical Management II (3 Credits)

8200:693 Acute Care Nurse Practitioner II (4 Credits)
Prerequisite: 8200:691. Corequisite: 8200:692. Focus is on advanced nursing interventions related to system specific health care problems of adults in tertiary care settings.

8200:694 Clinical Management III (3 Credits)

8200:695 Acute Care Nurse Practitioner III (4 Credits)
Prerequisite: 8200:693. Corequisite: 8200:696. Focus of the course is on nursing management of patients with complex health care problems.

8200:696 Clinical Reasoning (1 Credit)
Prerequisite: 8200:693. Corequisite: 8200:695. Focus is on integration of abnormal laboratory, radiologic and morphologic findings as they relate to advanced nursing care of the acutely ill individual.

8200:697 Psychiatric Disorders Across Lifespan and Group Modalities Practicum (2 Credits)

8200:698 Psychiatric Disorders Across the Lifespan and Group Modalities (3 Credits)
Prerequisites: 8200:611, 8200:660, and 8200:661. Corequisites: 8200:662 and 8200:697. Explore concepts related to the management of psychiatric disorders with an emphasis on combining psychotherapy, pharmacology, and complementary/alternative approaches with group modalities.

8200:699 Masters Thesis (1-6 Credits)
Prerequisite: 8200:613. Supervised research in a specific area of advanced nursing.

8200:700 Information Management in Health Care (3 Credits)
Prerequisites: Doctoral standing or special approval from the college. This course focuses on nursing informatics to support clinical decision making in advanced nursing practice.

8200:701 Advanced Seminar in Clinical Genomics and Health (3 Credits)
Prerequisites: Admission to the DNP program or permission of the college of nursing graduate program. A focus on genetics and genomics analyzing the essentials of advanced practice care and genetic diagnostics, therapies, and counseling in area of interest.

8200:703 Classroom Teaching (4 Credits)
Prerequisite: Admission to the Nursing Education Certificate program, Post-Baccalaureate. You should also possess the basic technical skills necessary to participate in an online course.

8200:704 Clinical Teaching & Evaluation (4 Credits)
Prerequisite: Admission to the Nursing Education Certificate Program, Post-Baccalaureate. This course focuses on teaching in clinical and learning resource center (LRC) settings and basic principle of online education. Application of principles will be demonstrated in a practicum based clinical and learning resource center setting. Student evaluations in the clinical setting will be addressed.

8200:705 Clinical Nurse Scholar I (3 Credits)
Prerequisites: 8200:603 and doctoral standing or approval from the college of nursing graduate program. Transition to clinical scholar role with emphasis on epistemology guiding advanced practice. Integration of theory and evidenced-based practice principles to achieve health outcomes.

8200:706 Clinical Nurse Scholar II (4 Credits)
Prerequisites: 8200:700 and 8200:705. Translation and integration of theory and scientific evidence guiding clinical practice using culturally sensitive approaches to design innovative interventions.

8200:707 Clinical Scholar Residency (3 Credits)
Prerequisite: 8200:706. Synthesis of components of clinical scholar leader role comprises residency. Advanced leadership and clinical scholarship skills used to develop and evaluate approaches to healthcare problems.

8200:708 DNP Project I (3 Credits)
Prerequisite: 8200:705. Corequisite: 8200:706. Faculty-preceptor-directed project that will contribute to nursing practice knowledge. Includes oral defense and publishable manuscript. May register for 2 to 6 hours.

8200:709 DNP Project II (3 Credits)
Prerequisite: 8200:708. This course guides the completion of a faculty and preceptor-directed clinical project that contributes to nursing practice knowledge. Culminates in an oral defense of the project and a publishable manuscript.

8200:710 Advanced Healthcare Statistics (3 Credits)
Prerequisite: Admission to DNP program. The course focuses on an in depth examination of descriptive statistics, correlation, regression, multiple regression sets, scaling, nonlinear transformation, missing data, and interactive effects; including manipulation of data, integrating understanding of inference and probability.

8200:711 Nursing Curriculum Development (2 Credits)
Prerequisite: Admission to the Nursing Education Certificate, post-baccalaureate. Students should also possess the basic technical skills necessary to participate in an online course.

8200:712 Fiscal Management in Healthcare (3 Credits)
This course examines the role and the required skills for the Doctor of Nursing Practice (DNP) graduate as a nurse leader in the understanding of the business acumen and the financials of health care.
8200:713 Advanced Leadership in Health Care (3 Credits)
Prerequisite: Doctoral standing or special approval from department. 
This course focuses on leadership competencies of doctoral-prepared advanced practice nurses.

8200:714 Synthesis and Application of Evidence for Advanced Practice Nurses (3 Credits)
Prerequisite: Doctoral standing or special approval from department/admission to the program. This course focuses on concepts, models and methods for implementation of evidence-based nursing practice at both individual clinician and system levels.

8200:715 Fundamentals of Public Health Epidemiology (3 Credits)
This course introduces principles, methods, and application of epidemiology. The course covers the history of epidemiology, concepts of disease causation and prevention, measures of disease frequency and excessive risk, epidemiologic study designs, causal inference, and epidemiological methods to identify and estimate public health problems and to work out effective solutions for these problems.

8200:800 Doctoral Dissertation II (1 Credit)
Prerequisite: 8200:899 and permission of the dissertation chairperson.
Continuing enrollment to complete the doctoral dissertation research.

8200:810 History & Philosophy of Nursing Science (3 Credits)
Prerequisite: Admission to the Ph.D. Program or permission of the professor. Examines the nature of metaphysics and epistemology and the influence of contemporary Eastern and Western philosophies on the developing epistemology of disciplinary nursing knowledge. (KSU 70710)

8200:815 Theory Construction & Development in Nursing (3 Credits)
Prerequisites: Admission to the Ph.D. Program and 810. Examines strategies for theory development including logical-empirical-deductive and inductive approaches. Emphasis will be on elements and strategies used in theory building. (KSU 70715)

8200:820 Introduction to Nursing Knowledge Domains (3 Credits)
Prerequisites: 8200:815, 8200:825 and 8200:830. Introductory seminar analyzing selected theoretical and methodological approaches to knowledge development in nursing. Emphasis on critical analysis of knowledge in areas of special interest.

8200:824 Foundations of Scholarly Inquiry in Nursing (3 Credits)
Prerequisites: Admission to the Doctoral Program, Permission of Instructor. Corequisite: 810. This course examines diverse paradigms and research methods as the foundation for scholarly inquiry in nursing knowledge development. Students begin building a foundation for focused intellectual inquiry in a substantive area of nursing.

8200:825 Quantitative Research Methods (3 Credits)
Prerequisite: Admission to the Ph.D. Program or permission of the professor. Extends students’ knowledge of the theory and practice of quantitative research in nursing. Focus is on the major types of quantitative design in nursing science. Theoretical and procedural issues related to design, measurement and data management with a substantive area of nursing inquiry are emphasized.

8200:827 Advanced Healthcare Statistics I (3 Credits)
Prerequisite: Admission to the Ph.D. Program or permission of the professor. Prerequisite or corequisite: 8200:825. Comprehension of bivariate and multivariate descriptive and inferential statistics designed for nurse researchers. Applications to research problems in nursing.

8200:830 Qualitative Research Methods (3 Credits)
Prerequisite: Admission to the Ph.D. Program or permission from the instructor. Selected qualitative research methods used to study nursing phenomena. Philosophical bases; design, data collection and analysis; evaluation of rigor; and ethical issues for major qualitative methods will be analyzed with regard to nursing phenomena. (KSU 70730)

8200:835 Nursing & Health Care Policy (3 Credits)
Prerequisite: Admission to the Ph.D. Program or permission of the professor. Critical examination of theories and processes of formulating state/national health care policy. Focus on health issues, the political and legislative process, and contemporary policy dilemmas. (KSU 70735)

8200:836 Advanced Interdisciplinary Leadership for the Health Science (4 Credits)
Prerequisite: Admission to the PhD program or permission of instructor. Seminar on advanced leadership in healthcare and the health sciences to assist students to become leaders within practice, academe, and the community.

8200:837 Advanced Healthcare Statistics II (3 Credits)
Prerequisite: 8200:827 and admission to the Ph.D. Program or permission of instructor. Application of bivariate and multivariate descriptive and inferential statistics to research problems in nursing.

8200:840 Nursing Science Seminar I (3 Credits)
Prerequisite: 8200:820. Seminar on critical analysis and synthesis of theoretical models and empirical research that form the foundation for the student’s research. Funding sources are examined. (KSU 86091, 86191, 86291, 86391)

8200:845 Advanced Methods for Research (3 Credits)
Prerequisites: 8200:825, 8200:827, and admission to the PhD program. Prerequisite or Corequisite: 8200:837. Focuses on integration and application of components of quantitative research design in nursing through application of multivariate design principles to existing data sets. Advanced topics in methods, statistics, and measurements are addressed.

8200:846 AMNR: Measurement in Nursing Research (3 Credits)
Prerequisite: 8200:820. Theories and concepts related to measurement and nursing research including techniques for construction, testing, and refining of instruments with assessment of reliability and validity.

8200:847 AMNR: Application of Qualitative Methods (3 Credits)
Prerequisite: 8200:820. Theory, data collection and analysis used in qualitative nursing research with a focus on phenomenology, grounded theory and ethnography.

8200:848 AMNR: Program Evaluation in Nursing (3 Credits)
Prerequisite: 8200:820. Seminar and lecture: analysis of theories and models of program evaluation and their relationships to designs, processes, techniques, and outcomes in nursing-related evaluations.

8200:849 AMNR: Grant Development and Funding (3 Credits)
Prerequisite: 8200:820. Advanced seminar on critical analysis of proposal and grant development, funding, peer review, and advocacy process with emphasis on the development of a grant proposal.

8200:850 Nursing Science Seminar II (3 Credits)
Prerequisite: 8200:820 and 8200:840. Seminar on advancement and development of scholarship through critical evaluation of scientific work.

8200:883 Evaluation of Nursing Education (3 Credits)
Application of evaluation and measurement principles to nursing education. Emphasis on evaluation as both process and outcome. Includes evaluation of program, curriculum, course, and learner.
8200:884 Practicum: Academic Role of the Nurse Educator (3 Credits)
Prerequisites: 8200:881, 8200:882, and 8200:883. Precepted study and practice in classroom and clinical teaching. Presentation of a researchable topic. Course may be waived based on submission of an approved portfolio.

8200:892 Field Experience in Nursing (1-12 Credits)
Prerequisite: Admission to the Ph.D. program or permission of instructor. Individual enrollment in field experience, practicum, or internship settings related to nursing.

8200:895 Special Topics in Nursing (2-6 Credits)
Study of important topics in nursing practice, research, or the profession. Offering in response to existing interests and opportunities. Topics will be announced when scheduled.

8200:896 Individual Investigation in Nursing (1-3 Credits)
Prerequisite: Admission to the Ph.D. program or permission of instructor. Individual enrollment for independent study in nursing carried out by student under supervision of a doctoral faculty council member.

8200:898 Research in Nursing (1-15 Credits)
Prerequisite: Admission to the Ph.D. program or permission of instructor. Research carried out by a student under faculty supervision. In-depth inquiry should result in a paper or appropriate product.

8200:899 Doctoral Dissertation (1-15 Credits)
Prerequisite: Advancement to candidacy. (May be repeated.) Independent dissertation research under the guidance of a faculty chairperson and a dissertation committee. (KSU 80199)