



**KENTUCKY STATE  
UNIVERSITY**

## **NURSING (NUR)**

### **NUR 699: Advanced Statistic in Nursing**

The purpose of this course is to review basic concepts of statistics and review use of statistics in nursing research. The course contains an overview of evidence based on practice and analysis of advanced research concepts in nursing. Primary focus on research in nursing practice. Graduate Nursing Elective. Credit: 3 semester hours.

**Credit Hours:** 3

**Contact Hours:** 3

### **NUR 700: Advanced Pathophysiology**

The purpose of this course is to provide the advanced practice nurse with knowledge of normal physiology and alterations in physiology in individuals across the life span. The focus is theory and research applicable to organ systems and cellular events. Emphasis is on regulatory and compensatory functions in health and in pathophysiological conditions. This course serves as a transition from the advanced practice nurse with the basic medical sciences to clinical medicine. The goal is to establish a knowledge base for various clinical problems encountered in internal medicine and will review the fundamental concepts of pathophysiology in the clinical setting. Credit: 3 semester hours.

**Prerequisite:** Admission to BSN- DNP program

**Credit Hours:** 3

**Contact Hours:** 3

### **NUR 701: Analysis of Adv. Nursing Prac.**

This course is designed to provide students with opportunities to explore contemporary issues in health care delivery that affect the process and/or outcomes of relevant to patient populations. Specific focus will be on: (1) health disparities, (2) barriers to care, (3) cultural competency and sensitivity, (4) cultural/SES influences on health and care delivery, (5) public health and health promotion models, (6) emerging infectious disease, (7) advances in healthcare, (8) environmental/occupational health concepts, and (9) the impact of global health on individuals/communities. Credit: 3 semester hours.

**Prerequisite:** Admission to BSN-DNP program

**Credit Hours:** 3

**Contact Hours:** 3

### **NUR 702: Epidemiology in Health Care**

Epidemiology focuses on the distribution and determinants of disease frequency in human populations. This graduate-level course utilizes epidemiology as a method for examining problems of health and disease in the community. This application of epidemiologic methods to evaluate the distribution and determination of disease and other health problems will be a major focus of this course. Basic principles and methods of epidemiology are presented together with many of the applications of epidemiology to public health and the role it plays in the development and evaluation of public policy. Credit: 3 semester hours.

**Prerequisite:** Admission to BSNDNP program

**Credit Hours:** 3

**Contact Hours:** 3

### **NUR 703: Advanced Pharmacology**

The purpose of this course is to expand the pharmacological knowledge of the advance practice nurse. Principles of pharmacodynamics and pharmacokinetics across the life span serve as the foundation for this comprehensive course in pharmacology for prescribers. Emphasis is placed on understanding the physiological action of drugs, expected client responses, and major side effects. Issues related to evidence-based pharmacologic practice and legal aspects of prescribing are examined.

**CREDIT:** 3 SEMESTER HOURS

**Prerequisite:** NUR 700, 701, 702

**Credit Hours:** 3

**Contact Hours:** 3

### **NUR 704: Theor. Foun. for Adv. Nur. Pra**

This course explores the history of advanced practice registered nursing (APN) roles in the current socio-political environment, preparing students to serve in a leadership role to shape the delivery of effective health care. An overview of various communication methods, community assessment, and epidemiological principles is provided. Students will apply principles of advanced practice to promote the health of individuals and populations. Principles of client centered care and theory based care to promote health will be explored in depth. The principle of clear and respectful communication in care will be introduced in terms of cultural sensitivity. The principle of caring for populations within a context of health systems will be introduced. The principle of ethical care will be introduced in terms of social justice. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 700, 701, 702

**Credit Hours:** 3

**Contact Hours:** 3

### **NUR 705: Evid-Base Prac./Qual. Impr. in**

This course explores philosophical and foundational components of evidence-based practice for advanced nursing practice. Concepts, models, and methods for developing advanced practice based on the best evidence are applied. Developing the well-built question as well as understanding best search strategies are incorporated into research-based evidence, particularly related to the clinical and administrative practice question(s) and outcomes. Outcomes evaluation methods are explored. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 700, 701, 702

**Credit Hours:** 3

**Contact Hours:** 3

### **NUR 706: Adv. Physical Assessment**

This course is designed to further develop the student's advanced knowledge and skills for obtaining and recording a systematic health history and advanced physical examination of individuals and families across the lifespan. The course involves the synthesis of nursing, biologic, psychological, and sociocultural knowledge and theories as applied to the findings obtained in the comprehensive health assessment. The central objective is the development of cognitive and clinical skills needed to provide comprehensive care to individuals of all ages in primary, secondary, and tertiary care settings. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 703, 704; Co-requisite 705

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 707: Adv. Nurs. Care for Vul. Pop.**

The purpose of this course is to provide the DNP-NP with an understanding of issues relevant to patient populations. Specific focus will be on: (1) health disparities, (2) barriers to care, (3) cultural competency and sensitivity, (4) cultural/SES influences on health and care delivery, (5) public health and health promotion models, (6) emerging infectious diseases, (7) advances in healthcare (genomics, neurocomputing, neuroimmunology, anatomical reconstruction), (8) environmental/occupational health concepts, and (9) the impact of global health on individuals/communities. The course discussions will focus on the topics outlined above. This course will address the BPHr Goals and goals of Health People 2020 by enabling students to understand how to improve health care of diverse/underserved populations. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 703, 704; Co-requisite 705

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 708: Psychopharmacology**

The purpose of this course is to review psychopharmacology concepts utilized in nursing. Graduate Nursing Elective. CREDIT: 3 SEMESTER HOURS.

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 800: Adv. Adu/Gero. Pri. Ca. Nur. I**

This course focuses on synthesis and application of theory and research to effectively address the complexities of aging. Comprehensive evidenced-based management across settings, evaluation of care, role implementation, and influences of contextual factors on health care services for the elderly including palliative and end of life care are presented. This course provides the knowledge base for clinical gerontological management. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 706, 707

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 801: Ad. Adu/Gero. Pri. Ca. Nu I Pr**

This is the first clinical course of this advance nursing practice specialty. The objectives of this practicum are based on the content of the didactic component of the course. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 706, 707

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 802: Health Systems Assessment**

The purpose of this course is to prepare students to actively participate in the evaluation of health care and healthcare organizations. Specific emphasis will be on organizational assessments, quality improvement projects, outcomes research, technology evaluation, and performance appraisals. The course will provide the students with opportunities to learn to assess and diagnose organizations, facilitate organizational change in clinical care delivery, and foster quality improvement while addressing cost=constraints. During this course, the students will conduct their own administrative project at the site where they are participating in the clinical residency. The projects will focus on topics such as total quality improvement, protocol development, practice efficiency, practice effectiveness, or clinical outcomes. They will work with other personnel at the site in a collaborative arrangement. Each week, the students will meet as a group in order to address problems encountered with their administrative project and offer suggestions and support. The course will consist of didactic sessions, presentations by the students, and problem-solving sessions. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 706, 707

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 804: Ad. Adu/Ger. Pri. Car. Nur II**

This course continues to focus on synthesis and application of more complex theory and research to effectively address the complexities of aging. Comprehensive evidence based management across settings, evaluation of care, role implementation, and influences of contextual factors on health care services for the elderly including palliative and end of life care are presented. This course provides the knowledge base for clinical gerontological management. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 800, 801, 802

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 805: Ad. Ad/Ger. Pri. Ca. Nu. II Pr**

This is the second clinical course of this advance nursing practice specialty. The objectives of this practicum are based on the content of the didactic component of the course. CREDIT: 3 SEMESTER HOURS.

**Prerequisite:** NUR 800, 801, 802

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 806: Research Design and Methods**

This course is designed to provide the student with knowledge, skills, and practice in collecting, analyzing, and interpreting quantitative data within the context of application to research design and methodology. The following advanced statistical techniques will be examined: analysis of variance (ANOVA/MANOVA), analysis of co-variance (ANCOVA/MANCOVA), use of psychometric techniques (for instruments used in patient care, nursing education and nursing research), linear regression, multiple regression, logistic regression, and structural equation modeling (SEM). Credit: 3 semester hours.

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 807: Adv. Adu/Ger. Pr. Car Nur. III**

This is the third in the series. This course continues to focus on synthesis and application of more complex theory and research to effectively address the complexities of aging. Comprehensive evidence based management across settings, evaluation of care, role implementation, and influences of contextual factors on health care service for the elderly including palliative and end of life care are presented. This course provides the knowledge base for clinical gerontological managements. Credit: 3 semester hours.

**Prerequisite:** NUR 803, 804, 805

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 808: Ad. Adu/Ger. Pr. C Nu III Pra.**

This is the third clinical course of this advanced nursing practice specialty. The objectives of this practicum are paces on the content of the didactic component of the course.

**Prerequisite:** NUR 804, 805

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 809: Diver. & Eth. Iss. in Adv. Pra**

The course focuses on the exploration of cultural diversity on client populations and nursing practice and provides opportunities for the exploration of the influence of culture on client health related behaviors. Emphasis is placed on the exploration of the contributions of the evolution of advanced nursing practice to the health of families, especially minority families. Students will explore the development of nursing theory by means of culturally appropriate nursing research methods. Researchable questions a merging from advanced nursing practice will be identified. The principle of ethical care will also be introduced in terms of social justice.

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 900: Adv. Prac. Lead. & Mgmt**

This course will focus particular attention on the organizational and structural opportunities and barriers inherent in obtaining access to health care for cultures and subcultures. This includes applying systems thinking to develop financial and cost effective strategies, legal and ethical dimensions of the business of health care delivery. This course provides the advance practice nurse with the skills to work with all organizational designs to eliminate health disparities. The advanced practice nurse will need to collaborate with other health care professionals from a variety of subcultures to analyze complex clinical situations as well as delivery systems to ensure safe and timely, effective, efficient, equitable and patient-centered care that meets or exceeds the standards of practice. This course will emphasize the delivery of health care to underserved populations as well as examining strategies to recruit, retain and recognize the accomplishments of a diverse nursing workforce. Leadership skills in human relations, organizational culture, effective patterns of communication and synergistic decision-making will accent this course. Credit: 3 semester hours.

**Prerequisite:** NUR 806, 807

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 901: Adv. Prac. Lead & Mgt. Prac.**

This course is the clinical component of the leadership and management course. Leadership skills in human relations, organizational culture, effective patterns of communication and synergistic decision-making will accent this course. The student must complete 180 contact hours. Credit: 3 semester hours.

**Prerequisite:** NUR 806, 807

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 902: Residency I Practicum**

This is the first of a two-course series that provides the DNP student with mentored opportunities to identify, develop, implement, evaluate and disseminate an independent, analytic scholarly project focusing on problems of practice within specific populations. Each course builds on the knowledge and practice expertise of the DNP student, culminating in the completion of the scholarly project. The range of projects will be varied as they relate to the unique clinical practices of the DNP student, e.g., quality improvement, analyzing policy designing and using databases, designing and evaluating new models of care, collaboration with researchers to answer clinical questions, program development, implementation, and evaluation. To complete the objectives of this course successfully, the DNP student works with a faculty mentor to refine the design of the scholarly project. Students must successfully complete an oral defense of the project prior to implementation. The student will be required to submit individual objective and is expected to complete a minimum of 180 hours of supervised practice in a clinical area related to their topic of interest. Credit: 3 semester hours.

**Prerequisite:** NUR 806, 807

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 903: Health Care Policy**

The purpose of this course is to facilitate the students' exploration of policy formulation, implementation, and modification in the United States. A model of policymaking will be analyzed and core elements of health care policy and planning, including the sociopolitical and economic context of health and health-seeking behaviors will be emphasized. Health care policy and planning at the local, state, federal, and international levels will be explored. Ethical dimensions of public policy formulation and implementation will be highlighted. The roles of the Nursing profession and individual nurses as they relate to the development and implementation of health policy will be investigated. Key concepts that influence policymaking such as politics, advocacy, ethics, federalism, pluralism, polarization, civil rights and civil liberties will be discussed. Credit: 3 semester hours.

**Prerequisite:** NUR 900, 901, 902

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 905: Residency II**

In this capstone course, the DNP student completes implementation of the evidenced-based scholarly project specific to a population of interest within a clinical setting and evaluates its impact on health care outcomes. Students will disseminate their findings through an oral presentation and a manuscript suitable for a peer-reviewed publication. Students will apply knowledge and skills obtained in the didactic and integrative courses in order to address the ethical, legal, financial and organizational aspects of the scholarly project. The DNP student will discuss his/her topic of interest, the development of the project and how it addressed the needs of a selected population; and evaluate the implementation and outcomes of the project. In order to successfully complete the objectives of this course, the student is expected to complete a minimum of 180 hours of supervised practice in a clinical area related to the topic of interest. Each student will be required to submit individual objectives at the beginning of the semester. Credit: 3 semester hours.

**Prerequisite:** NUR 900, 901, 902

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 906: DNP Focused Course**

The purpose of this course is to assist students in the final stage of their research project. Credit: 3 semester hours.

**Prerequisite:** NUR 903, 904, 905

**Credit Hours:** 3

**Contact Hours:** 3

**NUR 907: DNP Project**

This is a Capstone course in which students prepare a research project in their area of interest. Emphasis in this Capstone is placed on data collection, database creation, data entry, analysis, and interpretation of results. The project is guided by members of the Scholarly Project Committee and the final document is formally presented to the campus community in a Project defense. The students are expected to disseminate findings from their research to professional presentations and to use their projects to guide submission to scholarly journals. The students will learn to disseminate findings from their research through presentations and publications. Credit: 3 semester hours.

**Prerequisite:** NUR 903, 904, 905

**Credit Hours:** 3

**Contact Hours:** 3