

**NUR 510 OLDER WOMEN AND THEIR HEALTH. (3)**

This course is designed to increase the awareness and understanding of the relationships among gender, health status and the aging process among older women. Such issues as changing social and cultural mores, public policies and utilization of health care resources are discussed as they impact women. Prereq: Upper division or graduate standing. (Same as HSE 510.)

**NUR 511 END OF LIFE CARE IN THE ACUTE CARE SETTING. (3)**

This course is designed to provide insight into the special needs of adult and pediatric patients in the acute care setting who are near the end of life. This course will cover pain and symptom management; ethical issues in palliative care nursing; cultural considerations in end-of-life care; communication, loss, grief, and bereavement; achievement of quality care at end-of-life; and preparation for and care at the time of death. Prereq: Admitted to Nursing Program or consent of instructor.

**NUR 512 COMPLEMENTARY/ALTERNATIVE APPROACHES TO HEALTH CARE. (3)**

Using a holistic approach to wellness, this course is an overview of alternative ways of conceptualizing health and illness. Non-traditional methods of managing illness and promoting health and well-being will be discussed. Practitioners of these methods will participate in discussions and involve students in experiencing some of these practices. Alternative methods that reflect use in a number of other cultures will be explored as complementary to the traditional western style of medicine which is used almost exclusively in this country. Prereq: Junior level. Consent of instructor for students outside the health professions.

**NUR 514 ADVANCED HEALTH ASSESSMENT. (2)**

This advanced health assessment course offers essential assessment and skill development opportunities for advanced practice nursing. It includes intensive work on the principles and techniques of performing a comprehensive health assessment in the context of developmental, physiological, psychological, and environmental parameters. Individual, family, and community assessment models are analyzed for use with diverse populations. Clinical emphasis will be placed on comprehensive health assessment of individual clients consistent with advanced nursing practice. Prereq: Enrollment in graduate program in Nursing, or the RN-BSN program and consent of instructor.

**NUR 520 SPECIAL TOPICS IN NURSING (Subtitle required). (2-4)**

Exploration of selected topics or issues in nursing. Directed by a faculty member with expertise in the topic under study. Lecture, 0-4 hours; laboratory, 0-12 hours per week. May be repeated with different topics to a maximum of nine credits. Prereq: Variable, specified when topic identified.

**NUR 530 EXPLORING MEDICAL MISSIONS: A MULTIDISCIPLINARY PERSPECTIVE. (3)**

This seminar is designed to provide information on: (1) historical perspectives of mission work; (2) health, political, economic, and cultural diversities of mission sites in selected countries; and (3) eligibility and funding criteria for selected sites. This course provides an opportunity to learn about short-term humanitarian medical missions (sponsored by independent non-governmental and multi-denominational religious organizations). Health care professionals who have participated in medical missions will share their experiences. Prereq: Available to graduate or senior level undergraduate students.

**NUR 601 THEORETICAL BASIS FOR ADVANCED PRACTICE NURSING. (2)**

Selected concepts and theories useful for guiding advanced practice nursing are examined. The concepts and theories are drawn from nursing science as well as from other disciplines. All are discussed within the context of the nature of nursing knowledge and the expanding scientific basis for advanced practice nursing. Prereq: Enrollment in graduate program in Nursing or consent of instructor.

**\*NUR 602 RESEARCH METHODS IN ADVANCED PRACTICE NURSING. (3)**

This course provides the knowledge and skills essential for using research to support clinical and organizational decision-making. The strengths and limitations of various research designs and methods are reviewed for their utility in answering clinical questions, evaluating care delivery and patient outcomes, and making clinical decisions. Prereq: Graduate statistics course; admission to DNP program, graduate programs in nursing, or consent of instructor. (Same as NUR 925.)

### **NUR 603 CLINICAL REASONING IN ADVANCED PRACTICE NURSING. (3)**

The intent of this course is for students to enhance their abilities to think logically, use clinical evidence and research findings in making clinical decisions. Concepts and principles from the biopsychosocial sciences, clinical epidemiology, informatics, and ethics will be used in developing ways for defining problems; managing the health care of individuals, groups, and populations; and measuring and monitoring the outcomes of care. Strategies for organizing, managing, and using clinical data in decision making will be addressed. Prereq: MHA students admitted to Graduate Certificate in Nursing Studies; NUR 601 and 602 for students enrolled in graduate program in Nursing; or consent of instructor.

### **NUR 604 LEADERSHIP IN ADVANCED PRACTICE NURSING. (3)**

This course focuses on leadership and management of health care delivery by advanced practice nurses. Emphasis will be placed on leading change related to improving health outcomes, especially in relation to those areas targeted by national health care objectives. Students will critically analyze theory and research from nursing and related sciences to understand social, cultural, economic, and political issues in the health care environment. Legislative and regulatory requirements related to the practice of advanced nursing will be appraised, with an emphasis on understanding how to promote the health of the public within appropriate legal boundaries and within the context of interdisciplinary practice. Students will use selected frameworks for evaluating organizational and public policies affecting health. Prereq: MHA students admitted to Graduate Certificate in Nursing Studies; NUR 603 for students admitted to graduate nursing program; or consent of instructor.

### **NUR 605 EVIDENCE-BASED NURSING PRACTICE. (3)**

This course provides the opportunity to apply knowledge of the research process, research utilization and program evaluation models, or evidence-based practice to address a clinical problem. Under the guidance of a faculty advisor, students are expected to work with clinical staff to identify and address a clinical problem. A written scholarly report reflecting the process and outcomes of the activity is the final product. Prereq: NUR 602, enrollment in graduate program in Nursing or consent of instructor. Co-req: NUR 708, NUR 714, NUR 724, NUR 727, or NUR 734 (depending on student's specialty area.)

### **NUR 613 RESEARCH APPLICATIONS IN NURSING. (3)**

This course provides an opportunity for application of selected aspects of the research process to a clinical nursing problem. Students work individually or in small groups. The specific nature of the research effort is negotiated with the faculty advisor and is under the direction of that advisor. A written scholarly report is the final product. May be repeated to a maximum of six credits. Prereq: NUR 612.

### **NUR 614 PRACTICUM IN CLINICAL NURSING I. (4)**

Conceptual frameworks, theories, and research findings are applied in clinical practice. The testing of theoretical concepts related to nursing management of clients in an area of clinical concentration is emphasized. Collaborative practice with other disciplines is an expectation. Prereq: Kentucky licensure and relevant post-baccalaureate experience, NUR 610; prereq or coreq: NUR 700, 710, 715 or 720.)

### **NUR 615 PRACTICUM IN CLINICAL NURSING II. (5)**

Advanced knowledge, research, leadership, and clinical skills are integrated in managing nursing care with individuals, families, and groups or communities. Evaluation strategies to promote change and resolve problems in nursing care delivery are analyzed. Multidisciplinary strategies to promote and resolve problems in health care delivery are emphasized. Prereq: NUR 614, 701, 711, 716, 717 or 720.

### **NUR 620 PROBLEMS IN CLINICAL NURSING. (2-6)**

This course provides opportunity for the study of nursing problems in particular clinical areas and for the further development of techniques of nursing intervention. Ratio of discussion/laboratory hours will vary according to designated clinical problems. May be repeated to a maximum of 12 credits. Prereq: Admission in graduate program in nursing or consent of instructor.

### **NUR 627 ISSUES IN RURAL NURSING AND HEALTH CARE DELIVERY. (3)**

This course will focus on the exploration of models for providing preventive, primary health care, acute care, and chronic health care services in rural areas, including nursing care delivery models. Model standards for implementing the national health objectives in rural communities will be the primary focus. Demographic characteristics and organization of the community will be considered in assessing appropriateness and effectiveness of models for improving access to service and reducing disparity among subpopulations. Prereq: Enrollment in graduate program in nursing or consent of instructor.

**NUR 629 EPIDEMIOLOGICAL PRINCIPLES APPLIED TO HEALTH CARE AND NURSING PRACTICE. (3)**

This course reviews the basic concepts and methods of epidemiology applied to population focused health care and nursing practice. Emphasis is placed on the use of epidemiologic reasoning in deriving inferences about the etiology of health outcomes from population data, and in guiding the design of health service programs. Prereq: STA 570 or equivalent.

**\*NUR 631 APPLICATIONS OF ADVANCED HEALTH ASSESSMENT. (3)**

This advanced health assessment course offers essential assessment and skill development opportunities for advanced practice nursing. It includes intensive work on the principles and techniques of performing a comprehensive health assessment in the context of developmental, physiological, psychological, and environmental parameters. Individual, family, and community assessment models are analyzed for use with diverse populations. Emphasis is to differentiate normal and abnormal findings for diverse individuals, families, and communities. Course requires four hours per week clinical laboratory. Prereq: Admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 923.)

**NUR 632 COMPREHENSIVE PATIENT MANAGEMENT I. (2)**

This clinical course places an emphasis on the role of the advanced practice nurse as a member of the health care team across a variety of settings. The clinical experience focuses on comprehensive patient assessment, diagnosis and management of health problems for individuals and their families. Prereq: NUR 631, NUR 706 or NUR 726 or NUR 722 (depending on the student's specialty track).

**NUR 633 COMPREHENSIVE PATIENT MANAGEMENT II. (2-4)**

This clinical experience focuses on synthesis of theoretical, scientific, and clinical knowledge as well as practice-based skills in the diagnosis and management of existing and potential health problems based on appropriate standards of care. Emphasis will be placed on the collaborative and leadership roles of the advanced practice nurse in health care delivery. Prereq: NUR 707, 726 or 723.

**NUR 635 FOCUSED ADVANCED HEALTH ASSESSMENT. (1)**

This advanced health assessment course offers focused health assessment techniques that are commonly used in specialty areas of advanced nursing practice. Assessments are performed within the context of developmental, physiological, psychological, cultural, and environmental parameters. Prereq or coreq: NUR 631.

**\*NUR 652 PHARMACOLOGIC APPLICATIONS IN PRIMARY CARE. (3)**

This course is designed to prepare nurse practitioners, nurse midwives, and other health professionals for prescribing drugs within their scope of practice. Basic pharmacologic principles and the pharmacologic actions of the major drug classes will be discussed in relation to physiologic systems with emphasis on the application of these agents to primary care, nurse midwifery practice, and other health professions. Prereq: Graduate level pathophysiology course, admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 922.)

**\*NUR 653 PATHOPHYSIOLOGY. (3)**

This course is designed to present an orientation to disease as disordered physiology. It is intended to enable the nurse practitioner to understand how and why the symptoms and signs of various conditions appear. In approaching disease as disordered physiology, this course analyzes the mechanism(s) of production of the symptoms and signs of different disease syndromes. In doing so, it recognizes the practitioner's need to understand the mechanism(s) underlying the disease and its clinical manifestations so that rational therapies can be devised. Thus, appropriate screening and diagnostic laboratory evaluative methods will also be included. Prereq: Admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 921.)

**NUR 658 RISKY BEHAVIORS AND HEALTH. (3)**

This course examines the epidemiological, psychological, and theoretical perspectives of risk taking behavior and its health consequences across the lifespan. Fundamental risk concepts about individual and group risk taking behaviors, and models and practices that reduce risky behaviors are discussed. Selected topics include stress, tobacco, drug, alcohol, and medication abuse, unplanned pregnancy, sexually transmitted diseases, eating disorders, occupational and sports activities, and violence. Prereq: Graduate standing.

### **NUR 662 CLINICAL NURSING PRACTICE IN EXPANDED ROLES I. (1-4)**

Clinical practicum focusing on assessment of health status of individuals, families, and/or aggregates; identification of needs and planning for care with emphasis on prevention and health maintenance. Laboratory, three to 12 hours per week. May be repeated to a maximum of four credits. Prereq: Kentucky licensure and relevant post-baccalaureate experience; NUR 654; prereq or coreq: NUR 740 or NUR 741.

### **NUR 672 CLINICAL NURSING PRACTICE IN EXPANDED ROLES II. (3-4)**

Second clinical practicum which focuses on continued assessment of health needs of individuals, families, and/or aggregates which emphasizes planning, implementation, monitoring, and evaluation of nursing services. Laboratory, nine to 12 hours per week. Prereq or coreq: NUR 655; 662; 742 or 744.

### **NUR 682 CLINICAL NURSING PRACTICE IN EXPANDED ROLES III. (3-8)**

Individually arranged in-depth clinical practicum focusing on the development of leadership and clinical management skills and the application, refining, and synthesis of knowledge and skills developed in didactic and clinical courses. May be repeated to a maximum of eight credits. Laboratory, nine to 24 hours per week. Prereq or coreq: NUR 672; coreq: NUR 743, 744, or 745.

### **\*NUR 704 ACUTE AND CHRONIC ILLNESS AND NURSING THERAPEUTICS I. (3)**

This course deals with advanced practice nursing care for adults with acute and chronic illnesses and their families. Advanced practice nursing care requires understanding the conditions that may influence patient/family quality of health, or wellness, as well as the consequences of disease and its treatment. The concept of transitions is introduced as central to advanced nursing practice. The conditions that influence illness perception and patient/family responses to illnesses, adherence to therapeutic regimens, and lifestyle changes are examined. Nursing therapeutics are explored for their effectiveness in positively influencing patient/family outcomes. Prereq: Graduate level pathophysiology; NUR 601 or NUR 924, and admission to DNP program, graduate nursing programs, or consent of instructor. (Same as NUR 945.)

### **\*NUR 705 ACUTE AND CHRONIC ILLNESS AND NURSING THERAPEUTICS II. (6)**

This course deals with advanced practice nursing care for adults with acute and chronic illnesses and their families. Emphasis on understanding the conditions influencing patient/family quality of health and the consequences of disease and its treatment continues. Symptom interpretation and management are explored. Nursing therapeutics are examined for their effectiveness in managing symptoms and enhancing quality of health. The clinical experience provides opportunities to analyze selected roles in APN by working with other healthcare professionals. Under the guidance of a faculty advisor and preceptor, the student will assist patients and their families in promoting health across a spectrum of health care transitions. (Course requires 2 hours per week didactic and 16 hours per week clinical.) Prereq: NUR 704, enrollment in graduate program in Nursing or consent of instructor. Pre- or coreq: NUR 604.

### **NUR 706 ADVANCED PRACTICE NURSING CARE OF ACUTELY ILL ADULTS. (2)**

This course focuses on the role of the acute care nurse practitioner in assessing, diagnosing, and managing acute episodes in the chronically ill adult. Emphasis is placed on the use of research and theories from biological, behavioral, and advanced practice nursing to facilitate the comprehensive care of chronically ill patients and their families. Prereq: MHA students admitted to Graduate Certificate in Nursing Studies; NUR 725. Prereq or coreq: NUR 631 and 652 for students enrolled in graduate program in Nursing; or consent of instructor.

### **NUR 707 ADVANCED PRACTICE NURSING CARE OF CRITICALLY ILL ADULTS. (6)**

The didactic portion of this course focuses on the assessment, differential diagnosis and management of critically ill adults. Emphasis is placed upon biological, behavioral and advanced nursing concepts and research in order to facilitate the management and evaluation of therapies for critically ill adults and their families. The clinical portion of this course focuses on the care of critically ill adults in high acuity environments. The emphasis is placed upon students becoming a collaborative member of the health care team and incorporating both medical and advanced nursing concepts in the care of critically ill adults and their families. Prereq: NUR 632, NUR 706.

### **NUR 708 MEASURING AND DOCUMENTING NURSING PRACTICE.**

**(4)**

This course provides the knowledge and skills essential for advanced practice nurses to evaluate patient care. A systematic approach to collecting information related to nursing practice provides nurses with opportunities to substantiate their contributions to advanced practice. Measuring, documenting, and reporting patient, family, and organizational outcomes will be addressed. Mechanisms for evaluating nursing practices with regard to available resources also are examined. Clinical experience provides opportunities to continue to work with adults with acute and chronic illnesses. In addition, students will focus on the use of practice evaluation methods to document patient/family outcomes within a specific agency. Prereq: NUR 705 or NUR 707 (depending on the student's specialty area). Coreq: NUR 605.

### **\*NUR 712 ADVANCED PARENT-CHILD SEMINAR.**

**(3)**

The student will focus on evaluation of relevant beliefs, concepts, and theories related to maximizing the health of the family from pre-conception through adolescence. Using evidence-based literature, the student will explore physiologic, pathophysiologic, cognitive, behavioral, and psychosocial concepts, theories, and issues for their relevance in providing innovative approaches to family health care. Attention will be directed toward economic, ethical, cultural, legal, political and geographic factors that influence health behavior and care delivery. Family and child developmental theories will be used as an integrating framework. Prereq: MHA students admitted to Graduate Certificate in Nursing Studies; NUR 601 and 602 for students admitted to graduate nursing program; NUR 924 and NUR 925 for students admitted to the DNP program; or consent of instructor. (Same as NUR 955.)

### **NUR 713 ADVANCED NURSING CARE FOR FAMILIES, PRE-CONCEPTION THROUGH ADOLESCENCE I.**

**(4-6)**

The students in this course will test concepts and theories relevant to families. Collaboration with the family and other health care disciplines related to clinical decision making is expected. Students will apply knowledge with a variety of populations. Prereq: NUR 712, enrollment in graduate program in Nursing or consent of instructor.

### **NUR 714 ADVANCED NURSING CARE FOR FAMILIES, PRE-CONCEPTION THROUGH ADOLESCENCE II.**

**(2-4)**

Knowledge of families, pre-conception through adolescence, leadership, and clinical skills are applied to provide advanced nursing care to a selected population. Emphasis is placed on maximizing health and resolving actual or potential health problems for the individual and the family. Analysis of system problems in health care delivery is conducted. Prereq: NUR 713, enrollment in graduate program in Nursing or consent of instructor. Pre- or coreq: NUR 604.

### **\*NUR 722 CLINICAL TOPICS IN ADVANCED PRACTICE PSYCHIATRIC MENTAL HEALTH NURSING.**

**(3)**

The focus of this course is on concepts, theories and research underlying advanced practice psychiatric nursing (APPN). The scope and standards of psychiatric-mental health nursing practice frame study of APPN functions – psychotherapy, psychopharmacology interventions, community interventions, case management activities and consultation-liaison activities. Epidemiology, definitions, and classification models for mental health and mental illness are explored as a base for ethical, clinical decision making in advanced psychiatric nursing practice. Psychological, biological, social and cultural influences on coping responses of individuals and families across the lifespan for groups and communities of people/populations at risk are explored. Intervention models including prevention are introduced. Prereq: Pathophysiology and Health Assessment, admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 965.)

### **NUR 723 ADVANCED PRACTICE PSYCHIATRIC NURSING I.**

**(6)**

This course provides the opportunity for study of conceptual frameworks, theories, and research findings in clinical practice. The course focuses on the psychotherapy, psychobiological and supervision functions of the Advanced Practice Psychiatric nurse. Expansion of practice, the scope of primary prevention, biological and pharmacological theories, and psychotherapy model for interventions with clients, families, and the community are emphasized. Clinical experiences and sites will reflect multicultural concerns and emerging trends in the delivery of psychiatric care. During clinical experiences, comprehensive psychiatric assessments, diagnosis of common psychiatric illnesses, and co-occurring physical and substance abuse problems, and interventions will be practiced. Supervision as a function of the Advanced Practice Psychiatric Nurse is incorporated in clinical work. Prereq: NUR 722, enrollment in the graduate program in nursing or consent of instructor. Co-requisite: NUR 631.

**NUR 724 ADVANCED PRACTICE PSYCHIATRIC NURSING II. (4)**

This course builds on knowledge and skills acquired in NUR 723 (Practicum I) and provides the student with the opportunity to integrate and apply knowledge acquired in other course work. Theory of group therapy structure and process, practice models, and collaboration with mental health consumer/advocacy groups are introduced and emphasized to fit with emerging health care delivery systems. Mental health policy and practice implications are reviewed as well as the fiscal consequences of public policy on mental health service delivery. Diagnosis of common physical illnesses that mimic psychiatric illness and common psychiatric symptoms that occur in physical illness are studied. Ethical dilemmas in practice are studied. Prereq: NUR 723, NUR 652, enrollment in the graduate program or consent of the instructor. Co-requisite: NUR 605.

**NUR 725 ADVANCED PRACTICE NURSING SEMINAR FOR NURSE PRACTITIONERS. (3)**

This course provides an overview of advanced practice nursing. Select physical, pathophysiologic, social, mental health, and behavioral concepts will be discussed as a basis for clinical decision-making. Trends in health and nursing at national and state levels will be analyzed, as well as issues of professionalism. Emphasis will be on the role of the nurse practitioner as a collaborative member of the health care team, and on the nurse practitioner's contributions to health, wellness, and health promotion. Prereq: MHA students admitted to Graduate Certificate in Nursing Studies; NUR 601 and 602 for students enrolled in graduate program in Nursing; or consent of instructor.

**NUR 726 PRIMARY CARE ADVANCED PRACTICE NURSING SEMINAR. (1-3)**

This course focuses on the advanced practice nurse's management of common, acute health problems of individuals across the lifespan and determining the effect of the illness on families. Emphasis will be on differentiating a variety of signs and symptoms to formulate possible diagnoses. Students will demonstrate proficiency in assessing, diagnosing, managing, and evaluating common, acute health problems. Emphasis is on analysis of the role of the nurse practitioner as a collaborative member of the health care team. Prereq: NUR 725 or NUR 722. Pre- or co-requisites: NUR 652, 631, 603.

**NUR 727 PRIMARY CARE ADVANCED PRACTICE NURSING SEMINAR. (2-5)**

Seminar (2 credits): This course focuses on the advanced practice nurse's management in select common and stable chronic health problems of individuals across the lifespan. Emphasis will be placed on differentiating signs and symptoms to formulate possible diagnoses and determining the effect of the illness on the family. In addition, the nurse practitioner's role as a collaborative member of the health care team will be evaluated. Practicum (3 credits): Students will demonstrate proficiency in assessing, diagnosing, managing and evaluating selected chronic health problems based on appropriate standards of care. Prereq: NUR 632 and NUR 726 or NUR 722. Co-requisite: NUR 723 (psychiatric nurse practitioner students only).

**NUR 732 ADVANCED PRACTICE IN PUBLIC HEALTH NURSING ASSESSMENT SPECIALTY SEMINAR. (3)**

The community health nurse in advanced practice completes a three course sequence. Each course builds upon one of the three core functions of public health and nursing as identified by the Public Health Service of the U.S. This seminar addresses the first core function of assessment in advanced nursing practice in public health including the collecting, analyzing and dissemination of information about the health conditions, risks and resources in communities, or a population in targeted health care environments, such as home health or managed care. Advanced community level assessment concepts, models, theories and research findings are used. Assessing vulnerable and multicultural populations, using informatics in the assessment process, and distinguishing between decisions based on individual and aggregate data are emphasized. Prereq: MHA students admitted to Graduate Certificate in Nursing Studies; prereq or coreq: NUR 629 and 653 for students enrolled in graduate program in Nursing; or consent of instructor.

**NUR 733 ADVANCED PRACTICE IN PUBLIC HEALTH NURSING PRACTICUM I: POLICY. (3 or 6)**

This course addresses the second public health core function: the use of assessment data in the analysis and development of policy and program plans to meet the health, illness and health resource needs of communities. Students will evaluate the use of policy as an aggregate-level intervention strategy and determine the extent to which a nursing intervention classification can be used to categorize policy strategies. Policies will be evaluated in relation to current national and state health objectives for special populations. Students will evaluate the potential impact of policies affecting communities and populations in targeted health care environments such as home health or managed care. They will use evidence from the literature to develop and implement policy recommendations designed to improve health outcomes. Working with vulnerable and multicultural communities and using informatics in policy and planning are emphasized. Prereq: NUR 732; enrollment in the graduate program in Nursing, enrollment in graduate certificate in Public Health Nursing, or consent of instructor.

## NUR

## Nursing

### **NUR 734 ADVANCED PRACTICE IN PUBLIC HEALTH**

#### **NURSING: PRACTICUM II: ASSURANCE.**

**(3-4)**

This course focuses on the third core public health function of monitoring health services to communities, collaborating with other health disciplines in the development and delivery of needed services, and using quality assurance activities to improve health, illness and health resources to communities. Students will learn the use of surveillance, evaluation, and performance improvement techniques in assuring cost-effective health services for communities and targeted health care environments such as home health or managed care. They will evaluate the use of nursing taxonomies for classification of aggregate level outcomes. Culturally competent care in vulnerable and multicultural communities and the use of informatics in assurance are emphasized. Prereq: NUR 733; enrollment in the graduate program in Nursing, enrollment in graduate certificate in Public Health Nursing, or consent of instructor.

### **NUR 735 FAMILY AND COMMUNITY HEALTH PROMOTION.**

**(3)**

Focus is on concepts, theories, and techniques for assessing families and communities and assisting individuals, families, and groups to maximize their health status. The evaluation of community resources to meet health care needs is emphasized. Research related to the influence of lifestyle, health habits, and coping with developmental and situational crises on health is reviewed. Selected field of observational experiences are included. Prereq: Admission to graduate program in nursing or consent of instructor.

### **NUR 748 MASTER'S THESIS RESEARCH.**

**(0)**

Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prereq: All course work toward the degree must be completed.

### **NUR 749 DISSERTATION RESEARCH.**

**(0)**

Half-time to full-time work on dissertation. May be repeated to a maximum of six semesters. Prereq: Registration for two full-time semesters of 769 residence credit following the successful completion of the qualifying exams.

### **NUR 750 CLINICAL MODELS FOR PROFESSIONAL AND ADVANCED NURSING CARE.**

**(4)**

Students will learn concepts underpinning clinical and business modeling. They will conduct integrated literature reviews around a particular clinical problem and develop evidence-based clinical models for practice using the best available research findings and best practices. Each will prepare a business plan for adoption of a clinical model by a nursing unit, clinical department, or clinical program that is fiscally and organizationally feasible. Students will incorporate concepts of teamwork and interdisciplinary collaboration into the plans, including evaluation and supervision. Prereq: NUR 604; enrollment in graduate program in nursing or consent of instructor.

### **NUR 751 RURAL HEALTH NURSING MANAGEMENT PRACTICUM.**

**(3)**

This course provides students with in-depth clinical experience in nursing management of an inpatient unit, a clinic, or a program. The focus is on use of clinical research in designing, implementing and evaluating an innovative model of care for a defined rural population. Students integrate knowledge of nursing research, leadership, management of personnel and financial management of clinical services in the application of their practice models. Prereq: NUR 704, 712, 722, 725, or 732; and NUR 740; or consent of instructor.

### **NUR 752 CULTURALLY COMPETENT HEALTHCARE: CLIENT, CLINICIAN, AND ORGANIZATIONAL PERSPECTIVES.**

**(3)**

This interprofessional course will increase students' multicultural awareness, knowledge, and skill in the assessment and provision of healthcare. Models will be evaluated that aim to enhance the assessment and provision of culturally competent care, from the clinician to the organizational levels. Students will learn how to integrate evidence-based decision-making competencies to maximize attention to the needs of a diverse healthcare workforce. Prereq: Completion of applicable theory and research course (e.g., NUR 601 and 602); enrollment in graduate program or consent of instructor.

### **NUR 767 DISSERTATION RESIDENCY CREDIT.**

**(2)**

Residency credit for dissertation research after the qualifying examination. Students may register for this course in the semester of the qualifying examination. A minimum of two semesters are required as well as continuous enrollment (Fall and Spring) until the dissertation is completed and defended.

### **NUR 768 RESIDENCE CREDIT FOR THE MASTER'S DEGREE.**

**(1-6)**

May be repeated to a maximum of 12 hours.

## NUR

## Nursing

**NUR 769 RESIDENCE CREDIT FOR THE DOCTOR'S DEGREE. (0-12)**

May be repeated indefinitely.

**#NUR 770 PHILOSOPHICAL FOUNDATIONS OF NURSING SCIENCE. (3)**

The study of science as a way of reasoning and knowing, as it is influenced by the social, political, and gender contexts of scientists; the exploration of the philosophical foundations of nursing as a science and a historical evaluation of significant contributions to nursing science. Prereq: Admission to the graduate program in nursing or consent of instructor.

**NUR 776 SPECIAL TOPICS SEMINAR (Subtitle required). (2-4)**

A seminar on selected topics in nursing, with emphasis on knowledge development and application of research findings to clinical practice. Examples of topics are: computerized health surveillance at home, prevention of drug use in young children, support systems for the mentally ill, rehabilitation of injured farmers. May be repeated to a maximum of eight credits. Prereq: Consent of instructor.

**NUR 778 PROSEMINAR IN CONTEMPORARY HEALTH AND NURSING POLICY ISSUES. (3)**

A critical analysis of the development of policy related to health and nursing is emphasized. Attention is focused on the formation of a policy strategy to address a major policy issue affecting health care and the discipline of nursing.

**NUR 779 DOCTORAL SEMINAR. (1-3)**

A series of two-hour colloquia held every other week focusing on issues relative to the development of nursing science, the dissertation, and the role of the nurse scientist. The topics are selected by the students who are at various points of doctoral study in nursing. Included are topics on scientific integrity, the ethical conduct of research, and federal guidelines for inclusion of research subjects. The seminar is required for three semesters, one-credit hour each semester. Prereq: Enrollment in the doctoral program in nursing.

**NUR 781 INDEPENDENT STUDY IN NURSING. (1-3)**

An elective course which gives the student an opportunity to explore a topic of special interest. May be repeated to a maximum of eight credits. Prereq: Admission to graduate program in nursing or consent of instructor.

**NUR 790 KNOWLEDGE DEVELOPMENT IN NURSING. (3)**

This course focuses on the nature of nursing science and on approaches to the development of knowledge for use in nursing practice. Concepts and theories from philosophy of science and methods of theory development are used to critically examine the process of knowledge development in nursing. Emphasis is placed on the role of logical analysis and critical thinking in the development of theory for nursing practice. Prereq: Consent of instructor or enrollment in the doctoral program in nursing.

**NUR 791 QUALITATIVE METHODS IN NURSING RESEARCH. (3)**

The focus of this course is exploration of qualitative approaches to developing clinical nursing research. The relationship of data production and analysis strategies to underlying assumptions, theories, and research goals are considered. Applications of qualitative methods to research questions relevant to nursing science are explored. Prereq: NUR 790 or consent of instructor.

**NUR 792 QUANTITATIVE METHODS IN NURSING RESEARCH. (3)**

This course focuses on the application of quantitative research designs and methods for testing hypotheses in clinical nursing research. Students develop skills in critical evaluation of both intervention and nonintervention studies. Emphasis is placed on the identification and control of competing hypotheses in quantitative research. Prereq: NUR 791 or consent of instructor; STA 570.

**NUR 793 MEASUREMENT OF NURSING PHENOMENA. (4)**

This course focuses on measurement issues in conducting nursing research. Methods of instrument development and assessment of reliability and validity are discussed. The psychometric properties of instruments and measurement methods used in research are analyzed. Students conduct pilot psychometric research related to their dissertation topic. Prereq: NUR 790, 791, 792.

**NUR 794 ANALYSIS, INTERPRETATION, AND PRESENTATION OF QUANTITATIVE DATA. (3)**

This course provides opportunities for skill development in the application of a variety of analysis strategies to existing datasets. Students will identify hypotheses and/or research questions, test them using appropriate statistical methods, and interpret the results of their secondary analyses. Students also will gain experience in the presentation of findings via narrative, tabular, and oral formats. Prereq: STA 671 or equivalent, doctoral standing, and consent of instructor.

**NUR 824 CLINICAL DECISION MAKING IN PROFESSIONAL NURSING I. (6)**

The focus of this course is methods for making clinical decisions. Emphasis will be on how to collect and utilize data in formulating judgments about patient states and in choosing nursing actions for patients with health problems with predictable outcomes. Lecture, four hours; laboratory, six hours per week. Prereq: Junior standing in the RN-BSN curriculum in the College of Nursing. Prereq or coreq: NUR 831 and NUR 833.

**NUR 826 CLINICAL DECISION MAKING IN PROFESSIONAL NURSING II. (6)**

This course emphasizes clinical decision making with clients, families or groups experiencing complex or multiple health problems with unpredictable outcomes. The emphasis is on interpreting and using complex patterns of data in making decisions about patient care. Lecture, four hours; laboratory, six hours per week. Prereq: NUR 824. Prereq or coreq: NUR 835, NUR 837.

**NUR 831 BIOLOGICAL CONCEPTS: THREATS TO HUMAN HEALTH. (2)**

This course addresses biological concepts basic to nursing practice. Concepts essential for understanding major health problems which occur across the life span and that are encountered in multiple health care settings are discussed. Prereq: Junior year standing in the College of Nursing; coreq: NUR 832, NUR 834 for non-RN students.

**NUR 833 EPIDEMIOLOGIC CONCEPTS FOR HEALTH CARE. (2)**

This course is an introduction to epidemiologic concepts and interdisciplinary applications to health care of aggregates; structure of the community as it relates to access and utilization of available resources; structure of the health care system; levels of prevention; levels of care and economic factors affecting health. Field assignments will allow students to explore data sources. Prereq: Junior standing in the College of Nursing; STA 200.

**NUR 835 FAMILY HEALTH CONCEPTS. (2)**

This course provides theoretical perspectives on family functioning throughout the lifespan. The focus will be on the developmental stages of families as influenced by social, cultural, economic, and political forces. Family assessment, promotion of health in families, and resources for referral will be emphasized. Prereq: Junior year standing in the College of Nursing; coreq: NUR 834 and NUR 836.

**NUR 837 MENTAL HEALTH CONCEPTS. (2)**

This course presents concepts which are foundational to psychiatric-mental health nursing and are fundamental to professional nursing practice. Prereq: Junior year standing in the College of Nursing.

**NUR 839 NURSING RESEARCH. (3)**

This course provides a theoretical and methodological basis for applying nursing research to clinical practice. Skills necessary for participating in the use of nursing research are addressed. Legal and ethical ramifications of research are discussed. Prereq: Junior year standing in the College of Nursing; coreq: STA 200.

**NUR 841 ISSUES IN NURSING. (2)**

This course involves a critical analysis of the emerging issues and problems affecting nursing and their impact on health care. The responsibilities of the individual practitioner and of the professional are emphasized. Prereq: Senior year standing in the College of Nursing or consent of the instructor.

**NUR 843 NURSING ETHICS. (1)**

A variety of vignettes/case studies will be used to enable students to use decision-making processes to explore viable options to ethical dilemmas confronted in nursing practice. Delineation of facts and principles involved in each case will be prepared by the student in advance of each class in order for them to select a particular stance which they will then be prepared to defend. Prereq: Senior standing in the College of Nursing.

**NUR 846 LEADERSHIP/MANAGEMENT IN NURSING. (5)**

This course is designed for the student to demonstrate management and leadership skills as they relate to human and material resource management and clinical decision-making. Lecture, three hours; laboratory, six hours per week. Prereq: Senior standing in the College of Nursing; coreq: NUR 844.

### **NUR 854 ADVANCED CONCEPTS IN PROFESSIONAL NURSING. (4)**

This course provides experiences that will enable students to become acclimated to a self-directed learning environment and to develop skills pertinent to advanced concepts of professional nursing practice with diverse populations. These skills include: effective professional writing, the efficient use of computers to enhance nursing practice, the performance of effective patient teaching, and the judicious use of theory and literature to guide clinical decision-making. Prereq: Admission to College of Nursing RN-BSN or RN-MSN program.

### **NUR 860 FOUNDATIONS FOR PROFESSIONAL NURSING. (2)**

Enable nursing students to develop skills for student success. Discover nursing as a discipline in historical and emerging contexts of today's health care delivery system. Prereq: Admission to professional standing in College of Nursing.

### **NUR 861 FAMILY HEALTH PROMOTION AND COMMUNICATION ACROSS THE LIFESPAN. (8)**

This course introduces the baccalaureate student to the concepts of health and physical assessment, health promotion, and therapeutic communication skills as they are applied with diverse populations in a variety of clinical settings. In addition, students will develop critical thinking skills useful to the nurse in promoting health in individuals and families across the life span. Lecture, five hours; laboratory nine hours per week. Prereq: Admission to the College of Nursing, COM 199, NUR 852, Certified Nursing Assistant (CNA) Credentialing, First Aid Certification, and Basic Cardiac life Support Certification (BCLS), required immunizations, or consent of instructor.

### **NUR 862 PHARMACOLOGY. (3)**

This is a general introductory course to drugs and drug therapy. Various drugs will be studied and categorized in the context of clinical pathological disorders or problems. The general approach will involve a study of the pathophysiology of specific disorders and the categories of drugs currently employed in the treatment of these problems. The students will learn mechanism of action, therapeutic effect, side effects, drug interactions, and toxicities of these drugs, and will be provided with examples of commonly used drugs (both old and new) in each of these categories. Prereq: NUR 861 or consent of instructor. Co-req: NUR 863, NUR 864.

### **NUR 863 PROFESSIONAL NURSING CARE ACROSS THE LIFESPAN. (8)**

The course will provide didactic and clinical experiences that enable the student to provide beginning professional nursing care with individuals and families requiring interventions across the lifespan. Students will use the key concepts of nursing process, teaching-learning, and physical and psychosocial assessment in the care of people with basic alterations in ability to meet human needs. Content related to providing a safe care environment, such as administering and monitoring medications and aseptic technique will be addressed. Lecture, five hours; laboratory, nine hours per week. Prereq: NUR 861, BCLS Certification, required immunizations, or consent of instructor. Co-req: NUR 862, NUR 864.

### **NUR 864 PATHOPHYSIOLOGY. (3)**

This course addresses pathophysiological concepts basic to nursing practice. Concepts essential for understanding major health problems which occur across the life span and that are encountered in multiple care settings are discussed. Emphasis is on understanding how and why various pathophysiologic signs and symptoms occur. Prereq: ANA 299, PGY 206, NUR 861, or consent of instructor. Co-req: NUR 862, NUR 863.

### **NUR 866 PATHOPHARMACOLOGY I. (3)**

This course is the first of a two semester course sequence that addresses pathophysiological and pharmacologic concepts basic to nursing practice. Prereq: ANA 209, PGY 206, NUR 861.

### **\*NUR 869 INTRODUCTION TO PROFESSIONAL NURSING CARE ACROSS THE LIFESPAN FOR SECOND DEGREE STUDENTS. (8)**

This course introduces the baccalaureate student to the concepts of health and physical assessment, growth and development, health promotion and therapeutic communication skills as they are applied with diverse populations in a variety of clinical settings. The course will provide didactic and clinical experiences that enable the students to provide beginning professional nursing care with individuals and families requiring interventions across the lifespan. Students will use the key concepts of nursing process, teaching-learning, and physical and psychosocial assessment in the care of people with basic alterations in ability to meet human needs. Content related to providing a safe care environment, such as administering and monitoring medications and aseptic technique will be addressed. In addition, students will develop critical thinking skills useful to the nurse in promoting health in individuals and families across the lifespan. Prereq: ANA 209, PGY 206, CHE 106, PSY 100 and baccalaureate degree in another field.

## NUR

## Nursing

### **NUR 870 PATHOPHARMACOLOGY II. (3)**

This course is the second of a two semester course sequence that addresses pathophysiological and pharmacologic concepts basic to nursing practice. Prereq: ANA 209, PGY 206, NUR 863, NUR 866.

### **NUR 871 FAMILY CENTERED CARE OF ADULTS WITH COMMON HEALTH PROBLEMS. (7)**

This course will provide classroom and clinical experiences to enable the student to provide continuity of nursing care for adult populations with a variety of common health problems across settings. Lecture, three hours; clinic, 12 hours per week. Prereq: Junior year standing in nursing, NUR 862, NUR 863, NUR 864, BCLS Certification, required immunizations, or consent of instructor. Co-req: BIO 208, HSM 241.

### **NUR 872 CLINICAL REASONING: QUANTITATIVE, QUALITATIVE AND EPIDEMIOLOGICAL APPROACHES. (3)**

Students develop the clinical reasoning skills needed to use quantitative, qualitative and epidemiological findings to solve clinical problems. Each of these three approaches is examined for its history, philosophy and relevance to health care. Legal and ethical issues inherent in each of the three approaches are discussed. Students learn to communicate findings from these clinical reasoning approaches to a variety of audiences. Partial fulfillment of the oral communication requirement in the University Studies Program. Prereq: STA 200 or equivalent, or consent of instructor.

### **NUR 873 NURSING CARE OF CHILDREARING FAMILIES. (4)**

This course is designed to provide classroom and clinical experiences to enable the student to provide continuity of nursing care for families when children and adolescents experience a variety of health problems. Lecture, two hours; laboratory, 6 hours per week. Prereq: NUR 871, BCLS Certification, required immunizations; coreq: NUR 875.

### **NUR 875 NURSING CARE OF CHILDBEARING FAMILIES. (4)**

This course is designed to provide classroom and clinical experiences to enable the student to provide continuity of nursing care for families during uncomplicated labor and delivery, postpartum and neonatal periods. Lecture, two credits; clinical, two credits (six hours per week). Prereq: NUR 871, BCLS Certification, required immunizations; coreq: NUR 873.

### **NUR 880 LEADERSHIP/MANAGEMENT IN NURSING CARE DELIVERY. (3)**

This course is designed to advance the student's ability to use leadership and management theory in nursing practice within current and emerging organizational systems. The professional nurse's role in management of care will be examined. Responsibilities for resource management and management of legal and ethical dilemmas in various organizational systems also will be addressed. Prereq: HSM 241, NUR 873 or consent of instructor.

### **NUR 881 PSYCHIATRIC-MENTAL HEALTH NURSING. (5)**

This course is designed to develop students' skill in the use of psychiatric/mental health concepts to provide nursing care to clients across the lifespan and in a variety of settings. Lecture, three hours; clinic, six hours per week. Prereq: NUR 872, NUR 873, BCLS Certification, required immunizations, or consent of instructor.

### **NUR 882 SPECIAL TOPICS IN NURSING. (1-3)**

Study and analysis of current and topical problems and issues in nursing. Directed by a faculty member with expertise in the topic under study. May be repeated to a maximum of 18 credits. Prereq: Admission to the College of Nursing.

### **NUR 883 PUBLIC HEALTH NURSING. (5)**

This course is designed to develop students' skills in applying health promotion and disease prevention frameworks and in using epidemiological and public health concepts to deliver nursing care with diverse populations in a variety of settings. Emphasis will be placed on the effect of changing health care delivery systems on nursing practice. Lecture, three hours; clinic, six hours per week. Prereq: NUR 872, NUR 873, HSM 241, BCLS Certification, required immunizations, or consent of instructor.

### **NUR 884 CAREER MANAGEMENT IN NURSING. (2)**

The course provides students with the skills for ongoing professional development and success in nursing. Prereq: NUR 880, NUR 881, NUR 883 or consent of instructor. Co-req: NUR 885.

### **NUR 885 HIGH ACUITY NURSING. (5)**

The course emphasizes critical thinking and data analysis skills in the nursing management of patients with complex health problems with and unpredictable outcomes. Students will collaborate with other health care professionals to plan, implement, and evaluate family-centered nursing care across the lifespan in high-acuity settings. Lecture, four hours; clinic, three hours per week. Prereq: NUR 881, NUR 883, BCLS Certification, required immunizations, or consent of instructor. Co-req: NUR 884.

### **NUR 886 SYNTHESIS OF CLINICAL KNOWLEDGE FOR NURSING PRACTICE. (6)**

This course was designed to provide opportunity to develop independence and competence in applying principles of care management and leadership to nursing practice in a variety of clinical settings. Lecture, one hour; clinic, 15 hours per week. Graded pass/fail. Prereq: All other courses in the curriculum, BCLS Certification, required immunizations, or consent of instructor. Co-req: NUR 884, NUR 885.

### **NUR 895 ELECTIVE STUDY IN NURSING. (1-4)**

An independent study project investigating an area of interest under the guidance of faculty. May encompass library study or patient care utilizing aspects of scientific approach. May be repeated to a maximum of four credits. Prereq: Approval of sponsoring instructor and the assistant dean.

### **#NUR 896 STUDENT NURSE ACADEMIC PRACTICUM. (3)**

A 10 week clinical practicum (summer only) that allows student nurses to apply in clinical setting what they have learned to date. Emphasis will be placed on critical thinking, management of responsibilities, and professionalism in the clinical setting. Prereq: Currently enrolled in an accredited school of nursing, within 2 semesters of graduation with either BSN or ADN. Cumulative GPA of 2.75 and GPA of 2.75 in all NUR courses; current American Heart Association Basic Life Support Certification and meet current immunization requirements of the UK Chandler Hospital as determined by University Health Service.

### **\*NUR 900 PROCESS OF NURSING LEADERSHIP. (3)**

Students synthesize theoretical leadership concepts with personal and professional values and gain an appreciation for the changing socio-cultural context in which clinical leadership is practiced. Issues of power, creativity, innovation, ethics and gender concerns are addressed. Self-reflection and self-mastery are two themes that underpin the entire course of study and support interpersonal skills that enhance leadership. Prereq: Admission to DNP program or consent of instructor.

### **NUR 901 NURSING LEADERSHIP THROUGH EFFECTIVE USE OF SELF. (3)**

Building on skills developed in the Process of Leadership for Nurse Executives course, students focus on leading multiple constituencies. Within a clinical context, working with multiple disciplines and stakeholders, communication, negotiation, conflict management, public speaking, business etiquette, and media training are addressed. Lecture, two hours; laboratory, four hours per week. Prereq: NUR 900.

### **NUR 902 NURSING LEADERSHIP IN HEALTH CARE SYSTEMS. (3)**

Students develop innovative approaches to complex issues in nursing and health care systems. Transformation of systems, demographic and cultural trends, and advocating for ethical decision-making are emphasized. Lecture, three hours. Prereq: Enrollment in Doctor of Nursing Practice program or consent of instructor.

### **NUR 903 APPLIED BIostatISTICS FOR OUTCOMES EVALUATION. (4)**

This course provides opportunities for the application of a variety of quantitative analysis strategies in the evaluation of clinical outcomes. Statistical methods such as multiple regression, logistic regression, survival analysis, and cost-benefit analysis are discussed. Students apply these methods in the analysis of existing outcome data. Prereq: STA 570 or equivalent.

### **NUR 904 EPIDEMIOLOGY APPLIED TO THE DESIGN AND EVALUATION OF NURSING AND HEALTH SERVICES. (3)**

This course provides nurse executives and clinical nurse leaders a conceptual orientation and the knowledge of techniques from epidemiology to design and evaluate nursing and health care delivery systems which are focused on populations. Emphasis will be placed on the application of select analytic methods and designs to answer questions related to the management of population based health care. Prereq: NUR 903.

**NUR 905 CLINICAL PROGRAM DEVELOPMENT AND IMPLEMENTATION. (3)**

This course provides students with the tools to conduct strategic analysis and planning for nursing and health care programs, and to develop and implement health care programs. Students evaluate the choice of program planning models and analyze the implications of implementation and change theory for program operationalization. Emphasis is on a broad strategic view of health care systems and on effective clinical program implementation within integrated care delivery systems. Prereq: NUR 904 or consent of instructor.

**NUR 906 EVALUATION FOR IMPROVEMENT OF CLINICAL PRACTICE AND OUTCOMES. (3)**

This course provides students with the tools to evaluate and improve health care programs and clinical outcomes. Students develop feasible and reliable program evaluation designs. Students analyze the nature of, and explanations for variations in clinical practice patterns and clinical outcomes. Emphasis is on the use of program evaluation for improvements in clinical outcomes, efficiency, resource allocation, and cost reduction. Prereq: NUR 905.

**NUR 907 FOUNDATIONS FOR POPULATION-FOCUSED INTERVENTIONS IN CLINICAL PRACTICE. (3)**

Students will review and analyze evidence related to a defined population health problem. Students will explore the philosophies, theories, research and evidence-based clinical practices in nursing and related fields that have been used to define and resolve the population health problems in which they are interested. Students will analyze competing strategies to resolve the defined population health problem and evaluate the cost effectiveness of these strategies. Readings and assignments will be focused on students' individually defined populations of interest thereby facilitating the development of a comprehensive knowledge of the theoretical and research foundations upon which existing clinical program models are based. Prereq: NUR 915. Co-requisite: NUR 903.

**NUR 908 CLINICAL PRACTICE MODEL DEVELOPMENT. (4)**

This course focuses on integrating theory and evidence to support clinical decision-making in nursing practice. The student selects a health care problem amenable to nursing intervention and explores this problem from a variety of perspectives. Logic and science are applied in developing practice guidelines, designing clinical monitoring systems, and developing an evidence-based clinical practice model to address a health problem for a defined population. Lecture, three hours; laboratory, four hours per week. Prereq: NUR 907.

**NUR 909 DYNAMICS AND REALITIES OF IMPLEMENTING CLINICAL PRACTICE MODELS. (4)**

The focus of this course is on implementing an evidence-based clinical practice model and evaluating its effectiveness in improving nursing health outcomes. Lecture, three hours; laboratory, four hours per week. Prereq: NUR 908.

**NUR 910 CLINICAL RESIDENCY. (3)**

This course provides students with the tools to evaluate and improve health care programs and clinical outcomes. Students develop feasible and reliable program evaluation designs. Students analyze the nature of, and explanations for variations in clinical practice patterns and clinical outcomes. Emphasis is on the use of program evaluation for improvements in clinical outcomes, efficiency, resource allocation, and cost reduction. Laboratory, 24 hours per week. Course may be repeated to a maximum of six credits. Graded pass/fail. Prereq: NUR 906.

**\*NUR 911 INDIVIDUAL AND GROUP DYNAMICS IN NURSING AND THE HEALTH CARE ENVIRONMENT. (5)**

Students use theories of leadership, motivation, power and influence to evaluate interpersonal relationships within health care organizations and, in particular, the impact of these relationships on clinical care delivery. They develop strategies for nurse executives to lead a diverse workforce and create satisfying and productive work environments. They evaluate theories of organizational communication and justice to determine approaches to promoting effective executive-level communication, coaching, and oversight in contemporary healthcare organizations. Course requires 12 hours per week clinical. Prereq: NUR 950, admission to DNP program or consent of instructor.

**\*NUR 912 THEORETICAL FOUNDATIONS OF NURSING AND HEALTHCARE ORGANIZATIONS. (5)**

Students learn the theoretical bases of organizational level structure, dynamics, and strategic management in nursing and health care. The course focuses on analysis and synthesis of organizational theories within the health care environment, and particularly on the impact of values, politics, and market forces on the structure and function of nursing and health care organizations. System level coordination and policy issues are evaluated, and the contributions of nurse executives to improving the health care system are analyzed. Course requires 12 hours per week clinical. Prereq: NUR 911, admission to DNP program or consent of instructor.

**NUR 914 ECONOMIC AND FINANCIAL ASPECTS OF CLINICAL AND POPULATION-BASED HEALTH CARE DELIVERY SYSTEMS. (4)**

This course focuses on the application of economic and financial theories to understanding the strategic impact of market dynamics, utilities, incentive structures, and driving and restraining forces in health care change. The emphasis will be on critically analyzing the actual and potential impact of these dynamics on the structure and functioning of the health care system. Prereq: Passing score on self-assessment of basic accounting and economics; applied biostatistics course; or consent of instructor.

**NUR 915 FOUNDATIONS OF EVIDENCE BASED PRACTICE AND PROGRAM PLAN. (4)**

This course provides students with the knowledge and tools to develop and implement evidence based clinical and administrative programs in nursing and healthcare delivery systems. Emphasis is on the synthesis of evidence for evaluating program planning frameworks and strategic ways of implementing them. Prereq: Enrollment in the Doctor of Nursing Program or consent of instructor.

**NUR 916 EVALUATION FOR IMPROVEMENT OF CLINICAL PRACTICE AND OUTCOMES. (3)**

This course provides students with the tools to evaluate health care programs for improvement of clinical outcomes. Students will learn how to use evidence for effective decision making. Emphasis is on the use of program evaluation for improvements in clinical outcomes, efficiency, resource allocation, and cost reduction. Prereq: NUR 915 or consent of instructor.

**NUR 917 TECHNOLOGY FOR TRANSFORMING NURSING AND HEALTHCARE. (3)**

This course focuses on information systems technology as applied to nursing and healthcare. Knowledge and skills necessary for utilizing information systems and technology for the advancement of practice and health services research are emphasized. The use of computer systems and technology will be explored. Course requires four hours per week clinical. Prereq: NUR 916 or consent of instructor.

**NUR 918 PROTECTION OF HUMAN SUBJECTS. (1)**

This course provides an overview of the institutional review board process. Included are scientific integrity and ethics in clinical scholarship. Prereq: Enrollment in Doctor of Nursing Practice program or consent of instructor.

**NUR 919 STRATEGIC ANALYSIS FOR QUALITY IMPROVEMENT IN NURSING AND HEALTHCARE. (3)**

This course provides the foundation for applying continuous quality improvement tools and methods to improve process and systems of care. Emphasis will be placed on strategic analysis of care processes and systems to promote safe, timely, effective, efficient, equitable, patient-centered care. Students will gain knowledge to lead quality improvement and patient safety initiatives in health care systems. Prereq: NUR 916 or consent of instructor.

**NUR 920 ADVANCED NURSING PRACTICE IN DYNAMIC HEALTH CARE SYSTEMS. (3)**

This synthesis course focuses on evolving nursing interventions in advanced clinical and administrative practice. These interventions encompass direct care of individuals, management of individuals or populations, health care administration and health policy issues. This course requires four hours per week clinical. Prereq: NUR 914 and 917; coreq: 914 or consent of instructor.

**\*NUR 921 PATHOPHYSIOLOGY. (3)**

This course is designed to present an orientation to disease as disordered physiology. It is intended to enable the nurse practitioner to understand how and why the symptoms and signs of various conditions appear. In approaching disease as disordered physiology, this course analyzes the mechanism(s) of production of the symptoms and signs of different disease syndromes. In doing so, it recognizes the practitioner's need to understand the mechanism(s) underlying the disease and its clinical manifestations so that rational therapies can be devised. Thus, appropriate screening and diagnostic laboratory evaluative methods will also be included. Prereq: Admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 653.)

**\*NUR 922 PHARMACOLOGIC APPLICATIONS IN PRIMARY CARE. (3)**

This course is designed to prepare nurse practitioners, nurse midwives, and other health professionals for prescribing drugs within their scope of practice. Basic pharmacologic principles and the pharmacologic actions of the major drug classes will be discussed in relation to physiologic systems with emphasis on the application of these agents to primary care, nurse midwifery practice, and other health professions. Prereq: Graduate level pathophysiology course, admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 652.)

**\*NUR 923 APPLICATIONS OF ADVANCED HEALTH ASSESSMENT. (3)**

This advanced health assessment course offers essential assessment and skill development opportunities for advanced practice nursing. It includes intensive work on the principles and techniques of performing a comprehensive health assessment in the context of developmental, physiological, psychological, and environmental parameters. Individual, family, and community assessment models are analyzed for use with diverse populations. Emphasis is to differentiate normal and abnormal findings for diverse individuals, families, and communities. Course requires four hours per week clinical laboratory. Prereq: Admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 631.)

**#NUR 924 CONCEPTS, THEORIES, AND MODELS FOR ADVANCED PRACTICE NURSING. (3)**

Students will examine the processes underlying the development of models, theories and conceptual framework. Selected models, theories and conceptual frameworks from nursing and other disciplines will be evaluated for their utility in advanced nursing practice. All are discussed within the context of the nature of nursing knowledge and the expanding scientific basis for advanced practice nursing. This course serves as a foundation for clinical courses in which models, theories, and conceptual frameworks are used to develop and evaluate new approaches to the clinical practice of advanced nursing practice. Prereq: Admission to DNP program or consent of instructor.

**\*NUR 925 RESEARCH METHODS IN ADVANCED PRACTICE NURSING. (3)**

This course provides the knowledge and skills essential for using research to support clinical and organizational decision-making. The strengths and limitations of various research designs and methods are reviewed for their utility in answering clinical questions, evaluating care delivery and patient outcomes, and making clinical decisions. Prereq: Graduate statistics course; admission to DNP program, graduate programs in nursing, or consent of instructor. (Same as NUR 602.)

**#NUR 926 SYSTEMS APPLICATION OF ADVANCED HEALTH ASSESSMENT. (3)**

This systems level advanced health assessment course offers comprehensive assessment and skill development opportunities for Advanced Practice Public Health Nurses and Nurse Executives. It includes intensive work on the principles and techniques of performing a comprehensive systems health assessment in the context of aggregate, population, community, and organizational parameters. Aggregate, population, community, and organizational models are analyzed for use with diverse/varied systems. Emphasis is placed on working with diverse stakeholders for achievement of aggregate, population, community or organizational health related goals. Prereq: Admission to DNP program or consent of instructor.

**#NUR 927 SPECIAL TOPICS IN PHARMACOLOGY. (1)**

This course is designed to introduce the Advanced Practice Registered Nurse (APRN) student to the application of pharmacologic principles to special populations and specialized therapeutic areas. Prereq: Graduate pathophysiology course, NUR 652, enrollment in the graduate program in Nursing, or consent of instructor.

**#NUR 930 PROBLEMS IN ADVANCED PRACTICE NURSING (Subtitle required). (1-5)**

This course provides opportunity for study of clinical problems encountered in particular clinical areas of advanced nursing practice. Application of the scope and standards of specialty practice, application of evidence-based practices, and development of techniques for nursing interventions are emphasized. Course requires four hours per week clinical time for each credit hour enrolled. Prereq: Admission to DNP Program and DNP specialty seminar, or consent of instructor.

**#NUR 940 ADVANCED PRACTICE NURSING IN ACUTE CARE: THE ACUTE CARE NURSE PRACTITIONER. (3)**

This course provides an overview of advanced practice nursing and the acute care nurse practitioner role. This course will focus on the acute care nurse practitioner's contribution to health, wellness, and health promotion. Select physical, pathophysiological, social, mental health, and behavioral concepts will be discussed as a basis for clinical decision-making. Issues and trends in healthcare at both state and national levels will be analyzed, as well as issues of professionalism. Emphasis will be on the role of the acute care nurse practitioner as a collaborative member of the health care team. Prereq: Graduate level health assessment, pharmacology, and pathophysiology, admission to DNP program or consent of instructor.

**#NUR 941 ACUTE CARE NURSE PRACTITIONER CARE OF ACUTELY ILL ADULTS. (5)**

The didactic and clinical components of this course focus on the role of the acute care nurse practitioner in assessing, diagnosing, and managing acute and chronic health problems in the adult population. Emphasis is placed on the use of research and biological, behavioral, and advanced practice nursing theories to facilitate the comprehensive care of patients and their families. Students will demonstrate proficiency in comprehensive patient assessment, diagnosis and management, and in the utilization of appropriate standards of care. Course requires 12 hours per week clinical time. Prereq: NUR 940, admission to DNP program or consent of instructor.

**#NUR 942 ACUTE CARE NURSE PRACTITIONER CARE OF CRITICALLY ILL ADULTS. (5)**

The didactic portion of this course focuses on the assessment, differential diagnosis and management of critically ill adults. Emphasis is placed upon biological, behavioral and advanced nursing concepts and research in order to facilitate the management and evaluation of therapies for critically ill adults and their families. The clinical portion of this course focuses on the care of critically ill adults in high acuity environments. The emphasis is placed upon the student becoming a collaborative member of the health care team and incorporating both medical and advanced nursing concepts in the care of critically ill adults and their families. Course requires 12 hours per week clinical. Prereq: NUR 941, admission to DNP program, or consent of instructor.

**\*NUR 945 ACUTE AND CHRONIC ILLNESS AND NURSING THERAPEUTICS I. (3)**

This course deals with advanced practice nursing care for adults with acute and chronic illnesses and their families. Advanced practice nursing care requires understanding the conditions that may influence patient/family quality of health, or wellness, as well as the consequences of disease and its treatment. The concept of transitions is introduced as central to advanced nursing practice. The conditions that influence illness perception and patient/family responses to illnesses, adherence to therapeutic regimens, and lifestyle changes are examined. Nursing therapeutics are explored for their effectiveness in positively influencing patient/family outcomes. Prereq: Graduate level pathophysiology; NUR 601 or NUR 924, and admission to DNP program, graduate nursing programs, or consent of instructor. (Same as NUR 704.)

**#NUR 946 MANAGING SYMPTOMS OF ACUTE CHRONIC ILLNESS WITH ADVANCE PRACTICE NURSING. (5)**

This course deals with advanced practice nursing care for adults with acute and chronic illnesses and their families. Emphasis on understanding the conditions influencing patient/family quality of health and the consequences of disease and its treatment continues. Symptom interpretation and management are explored. Nursing therapeutics are examined for their effectiveness in managing symptoms and enhancing quality of health. The clinical experience provides opportunities to analyze selected roles in APN by working with other health care professionals. Under the guidance of a faculty advisor and preceptor, the student will assist patients and their families in promoting health across a spectrum of health care transitions. Course requires 12 hours per week clinical. Prereq: NUR 945, admission to DNP program or consent of instructor.

**#NUR 947 DATA COLLECTION, ANALYSIS, OUTCOME MEASUREMENT AND DOCUMENTATION OF NURSING PRACTICE. (5)**

This course provides the knowledge and skills essential for advanced practice nurses to evaluate patient care. A systematic approach to collecting information related to nursing practice provides nurses with opportunities to substantiate their contributions to advanced practice. Measuring, documenting and reporting patient, family and organizational outcomes will be addressed. Mechanisms for evaluating nursing practices with regard to available resources also are examined. Clinical experience provides opportunities to continue to work with adults with acute and chronic illnesses. In addition, students will focus on the use of practice evaluation methods to document patient/family outcomes within a specific agency. Course requires 12 hours per week clinical. Prereq: NUR 946, admission to DNP program or consent of instructor.

**#NUR 950 NURSING AND HEALTHCARE RESOURCE MANAGEMENT. (3)**

The focus of this course will be to increase knowledge and abilities of nursing executive leaders related to the effective management of human capital for the healthcare business. The course will focus on organizational, legal, economic, and technical issues concerned with acquiring, motivating, and retaining employees, with emphasis directed to the development, implementation, and assessment of policies and practices consistent with legal, social, human, and environmental dynamics. Practical strategies for dealing with communication problems, conflict, discipline, performance appraisal, labor relations, and compensation administration will be addressed. Additionally, models to enhance ability to assess and provide culturally competent care at the organizational level will be evaluated. Students will learn how to integrate evidence-based decision-making competencies to maximize attention to diverse workforce challenges. Prereq: NUR 900, admission to DNP program or consent of instructor.

**\*NUR 955 ADVANCED PARENT-CHILD SEMINAR. (3)**

The student will focus on evaluation of relevant beliefs, concepts, and theories related to maximizing the health of the family from pre-conception through adolescence. Using evidence-based literature, the student will explore physiologic, pathophysiologic, cognitive, behavioral, and psychosocial concepts, theories, and issues for their relevance in providing innovative approaches to family health care. Attention will be directed toward economic, ethical, cultural, legal, political and geographic factors that influence health behavior and care delivery. Family and child developmental theories will be used as an integrating framework. Prereq: MHA students admitted to Graduate Certificate in Nursing Studies; NUR 601 and 602 for students admitted to graduate nursing program; NUR 924 and NUR 925 for students admitted to the DNP program; or consent of instructor. (Same as NUR 712.)

**#NUR 956 PARENT-CHILD NURSE PRACTITIONER MANAGEMENT OF HEALTH AND DEVELOPMENTAL CONDITIONS II. (5)**

The students in this course will test concepts and theories relevant to families. Collaboration with the family and other health care disciplines related to clinical decision-making is expected. Students will apply knowledge with a variety of populations. Course requires 12 hours per week clinical. Prereq: NUR 955, admission to DNP program or consent of instructor.

**#NUR 957 PARENT-CHILD NURSE PRACTITIONER MANAGEMENT OF HEALTH AND DEVELOPMENTAL CONDITIONS III. (5)**

Knowledge of families, pre-conception through adolescence, leadership, and clinical skills are applied to provide advanced nursing care to a selected population. Emphasis is placed on maximizing health and resolving actual or potential health problems for the individual and the family. Analysis of system problems in health care delivery is conducted through clinical practice. Course requires 12 hours per week clinical. Prereq: NUR 956, admission to DNP program or consent of instructor.

**#NUR 960 PRIMARY CARE NURSE PRACTITIONER SEMINAR I. (3)**

This course provides an overview of the primary care nurse practitioner's role in the health care system. The nurse practitioner's contributions to health promotion and disease prevention will be explored. Selected physical, pathophysiologic, social, mental health, behavioral, cultural, and ethical concepts will be discussed as a basis for clinical decision-making. Issues of professionalism and trends in health and nursing at national and state levels will be analyzed. Emphasis will be on the role of the primary care nurse practitioner as a collaborative member of the health care team. Prereq: Pathophysiology, Pharmacology, and Health Assessment, admission to the DNP program, or consent of instructor.

**#NUR 961 PRIMARY CARE NURSE PRACTITIONER SEMINAR II WITH PRACTICUM. (5)**

This course focuses on the primary care nurse practitioner's assessment, diagnosis and management of acute health problems of individuals across the lifespan. Emphasis will be on differentiating a variety of signs and symptoms and interpreting data to formulate differential diagnoses. The use of evidence-based clinical practice guidelines to assist in the development, implementation, and evaluation of the plan of care will be explored. The impact of acute health problems on the family as a whole will be analyzed. The clinical experience will focus on comprehensive patient assessment, diagnosis and management of acute health problems for individuals and their families. In addition, the nurse practitioner's role as a collaborative member of the health care team will be evaluated. Course requires 12 hours per week clinical. Prereq: NUR 960, admission to DNP program or consent of instructor.

**#NUR 962 PRIMARY CARE NURSE PRACTITIONER SEMINAR III WITH PRACTICUM. (5)**

This course focuses on the primary care nurse practitioner's assessment, diagnosis and management of chronic health problems of individuals across the lifespan. Emphasis will be on differentiating a variety of signs and symptoms and interpreting data to formulate differential diagnoses. The use of evidence-based clinical practice guidelines to assist in the development, implementation, and evaluation of the plan of care will be explored. The impact of chronic health problems on the family as a whole will be analyzed. The clinical experience will focus on comprehensive patient assessment, diagnosis and management of chronic health problems for individuals and their families. In addition, the nurse practitioner's role as a collaborative member of the health care team will be evaluated. Course requires 12 hours per week clinical. Prereq: NUR 961, admission to DNP program, or consent of instructor.

**\*NUR 965 CLINICAL TOPICS IN ADVANCED PRACTICE PSYCHIATRIC MENTAL HEALTH NURSING.****(3)**

The focus of this course is on concepts, theories and research underlying advanced practice psychiatric nursing (APPN). The scope and standards of psychiatric-mental health nursing practice frame study of APPN functions – psychotherapy, psychopharmacology interventions, community interventions, case management activities and consultation-liaison activities. Epidemiology, definitions, and classification models for mental health and mental illness are explored as a base for ethical, clinical decision making in advanced psychiatric nursing practice. Psychological, biological, social and cultural influences on coping responses of individuals and families across the lifespan for groups and communities of people/populations at risk are explored. Intervention models including prevention are introduced. Prereq: Pathophysiology and Health Assessment, admission to DNP program, graduate programs in nursing or consent of instructor. (Same as NUR 722.)

**#NUR 966 PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER I.****(5)**

This course provides an opportunity for study of conceptual frameworks, theories, and research findings in clinical practice. The focus is on the psychotherapy and supervision functions of the Advanced Practice Psychiatric nurse. Expansion of practice, the scope of primary prevention, biological and pharmacological theories, and psychotherapy model for interventions with clients, families, and the community are emphasized. Clinical experiences and sites will reflect multicultural concerns and emerging trends in the delivery of psychiatric care. During clinical experiences, comprehensive psychiatric assessments, diagnosis of common psychiatric illnesses and interventions will be practiced. Supervision as a function of the Advanced Practice Psychiatric nurse is incorporated in clinical work. Course requires 12 hours per week clinical time. Prereq: NUR 965, admission to DNP program or consent of instructor.

**#NUR 967 PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER II.****(5)**

This course builds on knowledge and skills acquired in NUR 723 (Practicum I) and provide the student with the opportunity to integrate and apply knowledge acquired in other course work. Theory of group therapy structure and process, practice models, and collaboration with mental health consumer/advocacy groups are introduced and emphasized to fit with emerging health care delivery systems. Mental health policy and practice implications are reviewed as well as the fiscal consequences of public policy on mental health service delivery. Diagnosis of common physical illnesses that mimic psychiatric illness and common psychiatric symptoms that occur in physical illness are studied. Ethical dilemmas in practice are studied. Course requires 12 hours per week clinical. Prereq: NUR 966, admission to DNP program or consent of instructor.

**#NUR 970 ADVANCED PRACTICE PUBLIC HEALTH NURSING I: POPULATION LEVEL HEALTH CARE.****(3)**

This course focuses on an introduction to Public Health and Advanced Practice Public Health Nursing. Emphasis will be placed upon health trends, the core functions of public health, the ten essential services of public health, and social justice in public health of populations. Advanced community level assessment concepts, models, theories and research findings are used. Students will use community development approaches and public health informatics to assess vulnerable and diverse populations, social detriments of health and will distinguish between decisions based on individual and aggregate data. The goal of this course is to provide graduate students with the knowledge and skills to improve health outcomes of populations and systems. Prereq: Systems Assessment and Epidemiology, admission to DNP program, or consent of instructor.

**#NUR 971 ADVANCED PRACTICE PUBLIC HEALTH NURSING II: MANAGEMENT OF POPULATION HEALTH (A Distributed Learning Course).****(5)**

This course focuses on the management of the health of populations, with an emphasis on health promotion and disease/injury prevention. Students will use assessment data to analyze the health status of populations and to evaluate health resources and services to communities. In partnership with members of communities and other health-related disciplines, students will provide leadership in the development and delivery of needed services, and the use of quality assurance activities to improve health, illness and health resources to communities. Students will synthesize scientific knowledge, models/concepts, and methods of public health surveillance, evaluation, and performance improvement to assure that population-focused interventions for communities and targeted health care environments are affordable, and accessible, and effective. Culturally proficient care in vulnerable and multi-cultural communities and the use of informatics in the management of population health are emphasized. Course requires 12 hours per week clinical. Prereq: NUR 970, admission to DNP program or consent of instructor.

**#NUR 972 ADVANCED PRACTICE PUBLIC HEALTH NURSING III:  
POPULATION LEVEL (COMMUNITY DIMENSIONS OF) DISASTER MANAGEMENT. (5)**

The goal of this course is to provide students with the knowledge and skills to improve health outcomes of populations and systems. This course prepares the advanced practice public health nurse to be proficient in knowledge, skills and abilities related to the community systems involved in disaster management. Emphasis will be on developing the proficiency of the advanced practice public health nurse in disaster prevention, preparedness, response, and recovery from natural or human made destruction and devastation when nursing and public health systems response is required. Course requires 12 hours per week clinical. Prereq: NUR 971, admission to DNP program or consent of instructor.

**NUR 981 INDEPENDENT STUDY IN NURSING. (1-3)**

An elective course that provides students with an opportunity to explore a topic of interest under the direction of a faculty member. The end result should be negotiated between students and faculty and should yield a scholarly product. The minimum number of hours to be spent on the project and the means of evaluation will be decided before beginning the project. May be repeated to a maximum of 12 credits. Prereq: Enrollment in Doctor of Nursing Practice Program or consent of instructor.