NUR 101 ACADEMIC ORIENTATION AND INTRODUCTION TO NURSING. (1)
Designed to help pre-nursing freshmen make the transition to college and understand while exploring nursing as an educational system and a profession. Lectures, discussions, exercises and out of class assignments will introduce the students to the University’s expectations of its students, the history and mission and traditions. Attention will also be given to honing academic skills. Prereq: Pre-Nursing Majors only.

NUR 200 FOUNDATIONS FOR PROFESSIONAL NURSING. (2)
This course will enable nursing students to develop skills for student success. Students will discover nursing as a profession in historical and emerging contexts of today’s interprofessional health care delivery system. Students will begin to develop professional behaviors to promote high quality and safe patient-centered care in an interprofessional healthcare environment. Prereq: Admission to the professional Nursing program. Co-req: NUR 201.

NUR 201 ASSESSMENT AND HEALTH PROMOTION 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 professional Nursing program, completion of Certified Nurse Assistant Program, current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations, completion of HIPPA. Coreq: NUR 200.

NUR 210 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: NUR 201, BIO 208, NFS 212 with minimum grade of C in each. Coreq: NUR 211 or NUR 221.

NUR 211 FUNDAMENTALS OF ADULT NURSING CARE. (7)
The course will provide didactic and clinical experiences that enable the students to provide beginning professional nursing care with adults requiring intervention. Students will use the key concepts of safety, patient-centered care, nursing process, teaching-learning, and physical and psychosocial assessment in the care of adults with basic alterations in ability to meet human needs. Content related to providing a safe care environment, such as administering and monitoring medications, aseptic technique, and psychomotor skills will be addressed. Prereq: NUR 200, NUR 201, BIO 208, DHN 212 with grade of C or higher.

NUR 221 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: Admission to the College of Nursing Second Degree Option; NFS 212, BIO 208 with a grade of C or higher; completion of Certified Nurse Assistant Program, current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations, completion of HIPPA.

NUR 300 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: NUR 211 or NUR 221, and NUR 210 with a minimum grade of C in each. Coreq: NUR 301 or consent of instructor.
*NUR 301 FAMILY CENTERED CARE OF ADULTS WITH COMMON HEALTH PROBLEMS. (6)
This course provides classroom, clinical, and lab experiences to enable the student to provide patient-centered and family-centered nursing care for adult populations with common health problems across settings. Critical thinking, problem-solving, clinical reasoning, evidence-based practice, and ethical considerations are threaded throughout the course. Emphasis will be placed on providing quality and safe nursing care that contributes to optimal patient outcomes. Lecture, 3 hours; clinic, 9 hours per week. Prereq: Junior year standing in nursing, NUR 201 and NUR 211 or NUR 221, NUR 210 with a minimum grade of C in each course; current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child, and adult, current TB screening and required immunizations. Coreq: NUR 300.

NUR 310 RESEARCH FOR EVIDENCE-BASED NURSING PRACTICE. (3)
This course provides an introduction to the research methodology essential to providing evidence-based nursing care. Students will acquire the fundamental basics in quantitative and qualitative nursing research. Legal and ethical issues are discussed. The students will also develop the knowledge and skills necessary to appraise research and apply to evidence-based nursing practice, including up-to-date electronic resources. Students learn to apply this knowledge through evidence-based practice processes. Students will then communicate an evidence-based project to their peers. Prereq: STA 210 or BST 330, or consent of instructor. RN-BSN Prereq: NUR 350, STA 210 or BST 330 or equivalent, or consent of instructor.

NUR 311 NURSING CARE OF CHILDEARING FAMILIES. (5)
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, current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child, and adult, current TB screening and required immunizations. Coreq: NUR 313.

*NUR 313 NURSING CARE OF CHILDBEARING FAMILIES. (5)
This course is designed to provide classroom and clinical experiences to enable the student to provide continuity of nursing care for families during uncomplicated pregnancy, labor and delivery, postpartum, and neonatal periods. Lecture 3 credits, clinical 2 credits (6 hours per week). Prereq: NUR 871, current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child, and adult, current TB screening and required immunizations. Coreq: NUR 313.

*NUR 350 CONCEPTS IN PROFESSIONAL NURSING. (5)
This course will provide students with an opportunity to explore and understand theories from other disciplines/professions and to apply these theories in nursing practice. Student learning will be facilitated with the use of case studies, scholarly journal articles, peer review of classmates’ writing, and informatics. Additionally, this course will focus on client education that encompasses the assessment of the learner and consideration of the learner’s needs in various health care situations. The student will learn how to develop a teaching plan and will demonstrate effective teaching strategies. Students will expand their knowledge of cultural diversity and evidence-based practice to promote quality and safe, patient-centered care. This course is taught in an online format. Students must be active, self-directed learners to be successful in this class. Students will practice skills of critical thinking and writing within the discipline. Prereq: Admission to College of Nursing RN-BSN option.

NUR 351 HEALTH ASSESSMENT. (2)
This health assessment course offers essential assessment and skill development opportunities for nursing. It includes intensive work on the principles and techniques of performing a health assessment in the context of developmental, physiological, psychological, and environmental parameters. Individual and family models will be analyzed and utilized for use with diverse populations; case studies will be used to analyze family assessment models. Clinical emphasis will be placed on the assessment of individual clients. Prereq: Admission to College of Nursing RN-BSN option.

NUR 352 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 review 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 in each category of drugs discussed. RN-BSN prereq or coreq: NUR 364.
NUR 354 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. RN-BSN coreq: NUR 352.

NUR 380 ENERGY HEALING LAB. (1)
This course is designed to introduce students to the use of self as a healing force and to a variety of biofield energy healing techniques from the modalities of Therapeutic Touch, Reiki, Pranic Healing, Healing Touch, Bowen Therapy, Polarity Therapy, and from the work of Rosalyn Bruyere. The format of this course will be a controlled, laboratory setting for the demonstration and practice of these techniques; students will practice the techniques on each other and on volunteers from the community. Research involving these techniques will be read and discussed and faculty will share clinical experiences in the use of these techniques. Prereq: Admission to the College of Nursing or consent of instructor.

NUR 381 NURSING PRACTICE INTERNSHIP. (1)
This seminar is designed to enhance the nursing knowledge gained throughout the nursing curriculum. Students will study major nursing concepts in-depth, roles of the professional nurse and apply them to their clinical practice experiences. Prereq: NUR 210 and NUR 211 or NUR 221.

NUR 382 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.

NUR 384 INTRODUCTION TO PERIOPERATIVE NURSING. (1)
This course will introduce the student to the perioperative nursing process. Students will learn basic information about planning patient care for all three perioperative phases – preoperative, intraoperative, and postoperative. Class will meet for 4 hours (1 hour didactic; 3 hours lab) every other week for 8 weeks. Prereq: NUR 301.

#NUR 386 EMERGENCY NURSING ELECTIVE. (1)
The course emphasizes critical thinking, planning, implementation and evaluation in the nursing management of patients requiring emergent trauma care. This course provides a foundation of trauma nursing and focuses on application of scientific process to needs of trauma patients. Prereq: Successful completion of NUR 300 and 301 or licensed RN or permission of instructor.

NUR 391 NURSING RESEARCH INTERNSHIP. (1-3)
This nursing research internship is an independent study elective designed to provide students with experience in conducting nursing research. Students will work with a nursing research faculty mentor on a research project. Prereq: Admission to the professional nursing program.

NUR 393 NURSING RESEARCH INTERNSHIP. (1-3)
This nursing research internship is an independent study elective designed to provide students with experience in conducting nursing research. Students will work with a nursing research faculty mentor on a research project. Prereq: Admission to the professional nursing program.

NUR 395 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.

NUR 397 NURSING SKILLS LAB INTERNS. (1-3)
This nursing skills laboratory internship is an independent study elective designed to provide students with experience in implementing the teaching learning process. Students will work with nursing skills laboratory instructors as mentors as they assist beginning nursing students in learning clinical nursing and med math skills. Prereq: NUR 211 or NUR 221.
NUR 399 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 certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations. Students must meet the employment requirements of UK HealthCare Enterprise.

*NUR 400 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 300, NUR 310, NUR 311 and NUR 313 with a minimum grade of C in each, or consent of instructor. RN-BSN prereq: NUR 350.

*NUR 401 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: HSM 241, NUR 300, NUR 310, NUR 311, NUR 313 with a minimum grade of C in each; and current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations. Coreq: NUR 403.

*NUR 403 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 300, NUR 310, NUR 311, NUR 313, HSM 241 with a minimum grade of C in each, and current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations. Coreq: NUR 401. RN-BSN prereq: NUR 350, NUR 310 or consent of instructor and current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations.

*NUR 410 CAREER MANAGEMENT IN NURSING. (2)
The course provides students with the skills for ongoing professional development and success in nursing. Prereq: NUR 400, NUR 401, NUR 403 or consent of instructor. Coreq: NUR 411, NUR 413.

*NUR 411 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: All University and College of Nursing course requirements except NUR 410, NUR 411, and NUR 413, current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations. Coreq: NUR 410 and NUR 413 seminars.

*NUR 413 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, current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations. Completion of NUR 413 seminars and NUR 411 before beginning the clinical component of NUR 413. Coreq: NUR 410 and NUR 411 for the first half of the semester. RN-BSN prereq: All other courses in the RN-BSN curriculum, current certification in Basic Life Support for Healthcare Providers (CPR and AED) for infant, child and adult, current TB screening and required immunizations.

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 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 540 HEALTH CARE SYSTEMS FROM AN INTERPROFESSIONAL PERSPECTIVE. (3)
Health Care Systems from an Interprofessional Perspective provides a review and analysis of health care systems, the wellness-illness spectrum, and interprofessional collaborative practice. Areas of appraisal include the nature and functions of health services, agencies and professionals, and the impact of social, political, economic, regulatory, and technological forces on health care delivery and population outcomes. The course provides a unique opportunity for students to evaluate major health issues and related health care programs from an interprofessional and systems perspective. Working collaboratively with others, students will assess and plan evidence-based interventions that optimize health outcomes and improve quality of care and safety. Undergraduate prereq: This is a required course in the undergraduate nursing curriculum. Students must have completed NUR 211 or 221 with a minimum grade of C or receive approval to take NUR 540 from the faculty of record. Graduate prereq: There are no graduate prerequisites. This course may be taken as an elective course by graduate 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 and NUR 924, 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 comprehensive assessment of the individual within the context of the family and community. It includes comprehensive (systematic) history, physical, and psychological assessment of signs and symptoms, pathophysiologic changes, and psychosocial variations of the individual patient. Assessments are performed within the context of developmental, physiological, psychological, cultural, and environmental parameters. Emphasis is placed on developing a thorough understanding of the individual patient and differentiating normal and abnormal findings to determine current health status. Course requires four hours per week clinical laboratory. Prereq: Admission to DNP program, graduate program in nursing. Prereq: NUR 921 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 640 BEST PRACTICES IN NURSING INSTRUCTION. (3)
This course is designed to assist graduate nursing students to develop the abilities to teach in educational institutions or healthcare agencies. Using a variety of learning theories and teaching methods students will learn how to develop a course syllabus and design appropriate learning activities, develop and deliver a lecture using a variety of active learning techniques, use simulation, teach on-line, work with students in the clinical setting, and assess student performance. The legal aspects of teaching will be addressed along with advantages and disadvantages of distributed learning, use of multimedia, and strategies design to actively engage students in the learning process. Prereq: Six credit hours of elective courses in education, Admission to Certificate in teaching nursing or consent of instructor.

NUR 641 BEST PRACTICES IN CLINICAL TEACHING. (3)
This course will give students the opportunity to plan, initiate, and evaluate learning activities within the profession of nursing. These activities may include lecture, seminar, simulation, on-line teaching, evaluating clinical performance and evaluating a syllabus. Students who plan to teach nursing in an academic setting will have a mentor who is a faculty member in a nursing program. Students who plan to teach nursing in other health care settings will have a mentor appropriate to their field. Prereq: Six credit hours of elective courses in education, NUR 640, Admission to Certificate in teaching nursing.

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.

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 ADULT-GERONTOLOGY CLINICAL NURSE SPECIALIST IN PROMOTING HEALTH AND WELLNESS ACROSS THE LIFE SPAN OF THE ADULT. (3)
This course is designed to identify the role of the Adult-Gerontology Clinical Nurse Specialist (CNS) in promoting health and wellness in the adult gerontological individual using advanced practice nursing skills in contemporary health care settings and systems. The patient population of the Adult-Gerontology CNS practice includes young adults (including late adolescents and emancipated minors), adults and older adults (including young-old, old, and old-old adults) in all contexts of care. A foundation of knowledge related to individual’s perceptions of health and illness, preventative lifestyle behaviors, adherence to therapeutic regimes and lifestyle changes will be presented. This course will address how students will utilize the role of the Adult-Gerontology CNS using effective strategies to assist individuals in adopting and maintaining behaviors as they apply to a healthy lifestyle. Prereq: Graduate level pathophysiology; NUR 924, pre or corequisite: NUR 922, NUR 927, NUR 925, NUR 923 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 ROLE AND PRACTICE ISSUES FOR THE ADVANCED PRACTICE PSYCHIATRIC NURSE. (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. Co-requisite: NUR 605.

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; prerequisite 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 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 760 OCCUPATIONAL/ENVIRONMENTAL HEALTH NURSING I (OEHNI): PRINCIPLES AND PRACTICE. (3)
This course is designed to provide a basic understanding of occupational/environmental health nursing (OEHN). The history and value of OEHN will be explored. Standards and scope of OEHN practice will be examined. The roles of OEHNs within the framework of interdisciplinary professionals will be presented. Concepts and principles will be applied through field work and topic specific assignments. Legal and ethical issues are discussed. The students will also develop the knowledge and skills necessary to appraise research and apply to evidence-based nursing practice, including up-to-date electronic resources. Students learn to apply this knowledge through field experiences. Prereq: Admission to the PhD or DNP program or consent of instructor.

NUR 761 OCCUPATIONAL/ENVIRONMENTAL HEALTH NURSING II (OEHNI): RESEARCH AND POLICY. (3)
This course will provide graduate nursing students with knowledge and skills needed to improve health outcomes of populations in occupational environments. Emphasis will be placed on research and policy development using nursing and interdisciplinary lenses. Further, this course will prepare the student to be proficient in the knowledge, skills, and abilities to effectively work with complex organizational systems and occupational settings. Students will learn how to utilize occupational data sets for the development of workplace research and policies at the local, state, national and global levels. Prereq: Admission to the PhD or DNP program or consent of the instructor and successful completion of NUR 760.

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 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 771 RESEARCH EXPERIENCE. (1-3)
Students work closely with a faculty research mentor to develop specific research skills by actively participating in a research study. Emphasis is placed on obtaining skills or research experiences needed to begin a sustained program of research. Prereq: Admission to the Ph.D. 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: STA 570 or consent of instructor.

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 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 902 NURSING LEADERSHIP IN HEALTH CARE SYSTEMS. (3)
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. Shared visions, advocacy and change management are addressed. Students study the change process in health care systems by critically analyzing demographic and cultural trends that affect health care choices, examining current trends in the health care delivery system and assessing readiness for change in select health care systems. Prereq: Enrollment in Doctor of Nursing Practice program, NUR 900 or awarded MSN degree, 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 and other quantitative methods, including bivariate analysis, multiple regression, logistic regression, survival analysis and cost-benefit analysis are discussed. Students will apply these methods in the analysis of existing outcome data. Students also will gain experience in the presentation of findings via narrative, tabular, and oral formats. Prereq: Enrollment in DNP program, approved graduate level statistics course, STA 570 or STA 569 or equivalent within the past 3 years or consent of instructor.
NUR 904 EPIDEMIOLOGY APPLIED TO THE DESIGN AND EVALUATION OF NURSING AND HEALTH SERVICES. (3)
This course applies and integrates the principles and tools of epidemiology to the decision-making in a health care environment. It is intended for epidemiologists, managers, and clinical nurse executives and leaders who want to understand the value of epidemiology and population-based health care to the process of rational decision-making. The course builds upon fundamental epidemiologic principles and theory, with specific applications to nursing and public health services. Prereq: Enrollment in DNP program, approved graduate level statistics course, or consent of instructor.

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. Requires 12 hours per week residency time. Course must be repeated to a minimum of six credits. Graded pass/fail. Prereq: Completion of all DNP required course work with the exception of NUR 930.

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 health care delivery systems. 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 their areas of interest. Emphasis is on a broad strategic view of health care systems and on effective clinical program planning/implementation within integrated care delivery systems. Students evaluate program planning frameworks, study the evidence that supports them, and examine strategic ways of implementation. Prereq: Enrollment in DNP program, NUR 924 and NUR 925 or awarded MSN degree with graduate statistics course in past 3 years 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 and 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 within integrated care delivery systems. 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: Admission to DNP program 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; prereq: NUR 916, NUR 919 and written capstone proposal approved by student’s DNP advisory committee or consent of instructor.

NUR 919 QUALITY AND SAFETY IN NURSING AND HEALTHCARE. (3)
This course provides the foundation to improve health outcomes for patient populations. National strategies, theories and methods to improve health outcomes will be explored. Emphasis will be placed on the systematic analysis of systems of care to promote safe, timely, effective, efficient, equitable, patient-centered care. Students will learn how to optimize the translation of evidence into clinical practice to enhance quality and safety. Students will gain knowledge to lead quality improvement and patient safety initiatives in health care systems. Prereq or coreq: NUR 916 or consent of instructor.
NUR 920 ADVANCED NURSING PRACTICE IN DYNAMIC HEALTH CARE SYSTEMS (Subtitle required).
This synthesis course focuses on evolving nursing interventions in advanced clinical and administrative practice. Based on student’s specialty/role, these interventions encompass direct care of individuals, management of individuals or populations, healthcare administration and health policy issues. Emphasis is on ways for expert nurse clinicians and administrators to solve problems and improve care in a dynamic healthcare system. This course requires eight hours per week clinical practice time. Prereq: NUR 914 and 917; coreq: 914 or consent of instructor.

NUR 921 PATHOPHYSIOLOGY.
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 ADVANCED PHARMACOLOGY FOR ADVANCED PRACTICE NURSES.
This course is designed to prepare advanced practice nurses to prescribe 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 in practice. Prereq: Graduate level pathophysiology course, admission to DNP program, graduate programs in nursing or consent of instructor. Co-requisite: NUR 927.

NUR 923 APPLICATIONS OF ADVANCED HEALTH ASSESSMENT.
This advanced health assessment course offers comprehensive assessment of the individual within the context of the family and community. It includes comprehensive (systematic) history, physical, and psychological assessment of signs and symptoms, pathophysiologic changes, and psychosocial variations of the individual patient. Assessments are performed within the context of developmental, physiological, psychological, cultural, and environmental parameters. Emphasis is placed on developing a thorough understanding of the individual patient and differentiating normal and abnormal findings to determine current health status. Course requires four hours per week clinical laboratory. Prereq: Admission to DNP program, graduate program in nursing. Prereq: NUR 921 or consent of instructor. (Same as NUR 631.)

NUR 924 CONCEPTS, THEORIES, AND MODELS FOR ADVANCED PRACTICE NURSING.
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.
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 and NUR 924, admission to DNP program, graduate programs in nursing, or consent of instructor. (Same as NUR 602.)

NUR 926 SYSTEMS APPLICATION OF ADVANCED HEALTH ASSESSMENT.
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: (Subtitle required). (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. Students will enroll in section related to their nursing specialty: family-primary care, adult-gero primary care, pediatric-primary care, adult-gero acute care, or family psychiatric mental-health. Prereq: Graduate pathophysiology course, enrollment in the graduate program in Nursing, or consent of instructor. Required coreq: NUR 922.

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 completion of second DNP specialty course with clinical experience (5 credit) or consent of instructor.

NUR 940 ADVANCED PRACTICE NURSING IN ACUTE CARE: THE ADULT-GERONTOLOGY ACUTE CARE NURSE. (3)
This course provides an overview of advanced practice nursing and the adult-gerontology acute care nurse practitioner role. This course will focus on the adult-gerontology acute care nurse practitioner’s contributions to health, wellness, and health promotion among populations commonly served. Select physical, pathophysiological, social, mental health and behavioral concepts will be discussed as a basis for clinical decision-making. Clinical immersion skills are utilized to help obtain relevant comprehensive histories and physicals in the adult-gerontology patient. 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 adult-gerontology acute care nurse practitioner as a collaborative member of the health care team. Prereq: NUR 900, NUR 924. Prereq or coreq: NUR 921, NUR 922, NUR 923.

NUR 941 THE ADULT-GERONTOLOGY ACUTE CARE NURSE PRACTITIONER: ADVANCED PRACTICE NURSING IN ACUTE CARE OF ADULTS AND GERIATRIC PATIENTS WITH ACUTE ILLNESS. (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 and geriatric patient population. The patient population of the Adult-Gerontology ACNP includes young adults (including late adolescents and emancipated minors), adults and older adults in all contexts of acute illness and complex chronic illness. 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 significant others. Course requires 12 hours per week clinical time. Prereq: NUR 940, 921, 922, and 927.

NUR 942 THE ADULT GERONTOLOGY ACUTE CARE NURSE PRACTITIONER: CARE OF CRITICALLY ILL ADULT AND GERIATRIC PATIENTS. (5)
The didactic portion of this course focuses on the assessment, differential diagnosis and management of critically ill adult and geriatric patient populations. 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, geriatrics and their families. The clinical portion of this course focuses on students becoming collaborative members of the health care team, incorporating both medical and advanced practice nursing concepts in providing care to critically ill adult and geriatric patients. Course requires 12 hours per week clinical. Prereq: NUR 941, 921, 922, 923, 927.

NUR 945 ADULT-GERONTOLOGY CLINICAL NURSE SPECIALIST IN PROMOTING HEALTH AND WELLNESS ACROSS THE LIFE SPAN OF THE ADULT. (3)
This course is designed to identify the role of the Adult-Gerontology Clinical Nurse Specialist (CNS) in promoting health and wellness in the adult gerontological individual using advanced practice nursing skills in contemporary health care settings and systems. The patient population of the Adult-Gerontology CNS practice includes young adults (including late adolescents and emancipated minors), adults and older adults (including young-old, old, and old-old adults) in all contexts of care. A foundation of knowledge related to individual’s perceptions of health and illness, preventative lifestyle behaviors, adherence to therapeutic regimes and lifestyle changes will be presented. This course will address how students will utilize the role of the Adult-Gerontology CNS using effective strategies to assist individuals in adopting and maintaining behaviors as they apply to a healthy lifestyle. Prereq: Graduate level pathophysiology; NUR 924, pre or corequisite: NUR 922, NUR 927, NUR 925, NUR 923 and admission to DNP program, graduate nursing programs, or consent of instructor. (Same as NUR 704.)
NUR 946 ADULT-GERONTOLOGICAL CLINICAL NURSE SPECIALIST PROVIDING ACUTE CARE ACROSS THE LIFE. (2-5)

This course deals with advanced practice nursing care for adults and geriatrics with acute illnesses in a variety of settings in complex health care systems. The patient population includes young adults (including late adolescents and emancipated minors), adults and older adults (including young-old, old, and old-old adults) in all contexts of care. Emphasis is on developing clinical expertise in a specialty area to interpret and manage acutely ill patients and their clinical problems. Planning, directing, delivering and evaluating care is based on theory and research. Students will combine didactic learning with clinical experiences. Course requires 12 hours per week clinical. Prereq: NUR 921, NUR 922, NUR 927, NUR 945 or consent of the instructor.

NUR 947 ADULT-GERONTOLOGICAL CLINICAL NURSE SPECIALIST PROVIDING CHRONIC CARE ACROSS THE LIFE. (2-5)

This course deals with advanced practice nursing care for adults and geriatrics with chronic disease and illnesses in a variety of settings in complex health care systems. The patient population includes young adults (including late adolescents and emancipated minors), adults and older adults (including young-old, old, and old-old adults). Emphasis is on developing clinical expertise to interpret and manage chronically ill patients and their clinical problems. Planning, directing, delivering and evaluating care is based on theory and research. Students will combine didactic learning with clinical experiences. Course requires 12 hours per week clinical. Prereq: NUR 945, NUR 946 or consent of instructor.

NUR 950 PRIMARY CARE ADVANCED PRACTICE CLINICAL (Subtitle required). (3)

This clinical experience focuses on comprehensive patient assessment, diagnosis and management of health problems commonly seen in primary care. Emphasis will be placed on differentiating signs and symptoms to formulate possible diagnoses and determining the effect of the illness on the family. Students will demonstrate competence in assessing, diagnosing, managing and evaluating selected health problems based on appropriate standards of care. Health promotion and disease prevention strategies will be emphasized. In addition, the primary care nurse practitioner’s role as a collaborative member of the health care team will be evaluated. Course requires 12 hours per week clinical. Prereq: Admission to DNP Program; NUR 960 or NUR 955. Coreq: NUR 956, 957, 9561 or 962.

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 PNP-PRIMARY CARE: COMMON ACUTE ILLNESS MANAGEMENT. (5)

This course allows the practice-doctorate, primary care pediatric or family nurse practitioner student collaborate with other health care disciplines and incorporate clinical decision-making into the planning of care for the child with common, acute minor illnesses seen in primary care. Health restoration strategies will be incorporated into the management of common deviations from health as they occur in children (birth to 21 years). Focus will be given to the synthesis of knowledge obtained from nursing, medicine, pharmacology and the social/behavioral sciences and its incorporation into the framework of advanced practice nursing. Developmental, pathophysiologic, cognitive, behavioral, and psychosocial concepts will be applied in assessing children of various ages (birth to 21 years) using a variety of modalities integrating current research and evidence-based findings into planned clinical management. Prereq: Admission to DNP program and NUR 921, NUR 922, NUR 923 and NUR 955 or NUR 960. Coreq: NUR 950 (3 credit hour clinical).
**NUR 957 PNP-PRIMARY CARE: COMMON CHRONIC ILLNESS AND SPECIAL NEEDS MANAGEMENT.** (2)

This course allows the practice-doctorate primary care pediatric or family nurse practitioner student the opportunity to examine the impact of children and adolescents (birth through 21 years) with special health care needs and those with complex, chronic health deviations on the pediatric client, their families, and the community. By incorporating the role of the primary care PNP into the process of utilizing clinical decision-making skills, interprofessional collaboration, management and intervention strategies, the student will plan collaborative care for the pediatric client with chronic health deviations or special healthcare needs in the primary care or tertiary care setting. Current evidence-based, research and management guidelines will be analyzed using the synthesis of knowledge gained from collaborative sciences and applied to the framework of advanced practice nursing. Prereq: Admission to DNP program and NUR 921, NUR 922, NUR 923 and NUR 956. Coreq: NUR 950 (3 credit hour clinical).

**NUR 958 PNP-ACUTE CARE: ACUTE/COMPLEX ILLNESS MANAGEMENT.** (5)

This course allows the graduate pediatric nursing student to collaborate with other health care disciplines and incorporate clinical decision-making into the provision of care and management of the child with complex, acute/critical illnesses seen in the acute care setting. Current evidence and practice guidelines will be integrated into the role of the PNP in the management of acute illnesses commonly seen in children (birth to 21 years) and applied to health restoration strategies in various acute clinical settings. Focus will be given to the synthesis of knowledge obtained from nursing, medicine, pharmacology and the social/behavioral sciences and its incorporation into the framework of advanced practice nursing. Developmental, pathophysiologic, cognitive, behavioral, and psychosocial concepts will be applied in assessing children of various ages (birth to 21 years) using a variety of modalities integrating current research and evidence-based findings into clinical practice. This course includes 12 hours of clinical practice per week. Prereq: NUR 955, NUR 930 for students admitted to the DNP program; or consent of the instructor.

**NUR 959 PNP-ACUTE CARE: CHRONIC ILLNESS AND SPECIAL NEEDS MANAGEMENT.** (5)

This course allows the graduate pediatric nursing student the opportunity to examine the impact of children and adolescents (birth through 21 years) with special health care needs and those with complex/critical, chronic health deviations or special healthcare needs in the acute care setting. Current evidence-based, research and management guidelines will be analyzed using the synthesis of knowledge gained from collaborative sciences and applied to the framework of advanced practice nursing. Collaboration with the child, family, and interprofessional teams will be integrated throughout the course. This course includes 12 hours of clinical practice per week. Prereq: NUR 958 for students admitted to the DNP program; or consent of the instructor.

**NUR 960 HEALTH PROMOTION AND ROLE DEVELOPMENT FOR PRIMARY CARE NURSE PRACTITIONERS.** (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, clinical prevention and population health will be explored. Selected physical, pathophysiologic, social, mental health, behavioral, cultural, and ethical concepts will be discussed as a basis for clinical decision-making. Professional issues 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 or coreq: NUR 921, NUR 922, NUR 927, NUR 923 and Admission to DNP Program or consent of instructor.

**NUR 961 EPISODIC HEALTH PROBLEMS IN ADULT AND GERIATRIC PRIMARY CARE.** (5)

This course focuses on the primary care nurse practitioner’s assessment, diagnosis and management of episodic health problems of adult and geriatric individuals. 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 emphasized. The impact of episodic health problems on the family as a whole will be analyzed. In addition, the primary care nurse practitioner’s role as a collaborative member of the health care team will be evaluated. Prereq: Admission to DNP program and NUR 921, NUR 922, NUR 923 and NUR 960. Coreq: NUR 950 (3 credit hour clinical).
NUR 962 CHRONIC HEALTH PROBLEMS IN ADULT AND GERIATRIC PRIMARY CARE. (3)
This course focuses on the primary care nurse practitioner’s assessment, diagnosis and management of common chronic health problems of adult and elderly patients. 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 emphasized. The impact of chronic health problems on the family as a whole will be analyzed. In addition, the primary care nurse practitioner’s role as a collaborative member of the health care team will be evaluated. Prereq: Admission to DNP program, and NUR 961. Coreq: NUR 950 (3 credit hour clinical).

NUR 965 ROLE AND PRACTICE ISSUES FOR THE ADVANCED PRACTICE PSYCHIATRIC NURSE. (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 DIAGNOSIS AND MANAGEMENT OF PSYCHIATRIC DISORDERS IN ADULTS AND ELDERLY. (5)
This course provides the student with the opportunity to integrate and apply knowledge acquired in NUR 965. It focuses on the study of conceptual frameworks, theories, and research findings related to common psychiatric disorders among adults and elderly patients. Biological and pharmacologic theories, developmental issues of adults and elderly patients, psychotherapeutic modalities, primary prevention, and evaluation of treatment will be emphasized. During clinical experiences, foundational competencies for advanced nursing practice will be addressed and practiced. Students will conduct comprehensive and systematic psychiatric assessments, diagnose common psychiatric illnesses, implement pharmacologic and psychosocial interventions, and evaluate treatment outcomes for adults and elderly patients with psychiatric disorders. A variety of settings across the healthcare continuum will be utilized. Multidisciplinary and interprofessional collaboration as functions of the Advanced Practice Psychiatric Nurse is incorporated into clinical work. Course requires 12 hours per week clinical time. Prereq: NUR 965; Admission to the DNP or Graduate Nursing Program, or consent of instructor; Pathophysiology and Health Assessment.

NUR 967 DIAGNOSIS AND MANAGEMENT OF PSYCHIATRIC DISORDERS IN CHILDREN, ADOLESCENTS, AND YOUNG ADULTS. (5)
This course provides the student with the opportunity to integrate and apply knowledge acquired in NUR 965 and NUR 966. It focuses on the study of conceptual frameworks, theories, and research findings related to common psychiatric disorders among children, adolescents, and young adults. Biological and pharmacologic theories, developmental issues of children, adolescents, and young adults, psychotherapeutic modalities, primary prevention of psychiatric disorders, and evaluation of treatment will be emphasized. Theories of individual and family therapy will be introduced. During clinical experiences, foundational competencies for Advanced Nursing Practice will be addressed and practiced. Students will conduct comprehensive and systematic psychiatric assessments, diagnose common psychiatric illnesses, implement pharmacologic and psychosocial interventions, and evaluate the outcomes of treatment for children, adolescents, and young adults. A variety of settings across the healthcare continuum will be utilized. Multidisciplinary and interprofessional collaboration as functions of the Advanced Practice Psychiatric Nurse is incorporated into clinical work. Course requires 12 hours per week clinical time. Prereq: NUR 965; NUR 966; Admission to the DNP or Graduate Nursing Program, or consent of instructor; Pathophysiology and Health Assessment.

NUR 970 SYSTEMS APPLICATION OF ADVANCED HEALTH ASSESSMENT: SEMINAR. (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 971 SYSTEMS APPLICATION OF ADVANCED HEALTH ASSESSMENT CLINICAL: SYSTEMS ASSESSMENT OF ORGANIZATIONS, POPULATIONS, AND COMMUNITIES.** (1)

This systems level advanced health assessment course provides opportunities to use the comprehensive assessment and skills for Advanced Practice Public Health Nurses and Nurse Executives from the co-requisite course, NUR 970 seminar. It includes using appropriate models/theories to perform a comprehensive systems health assessment of diverse/varied aggregates, populations, communities, and organizations; and to determine health-related issues and priorities. Emphasis is placed on working with diverse stakeholders for achievement of aggregate, population, community or organizational health related goals. Course requires 4 hours per week clinical time. Prereq: Enrollment in DNP program; corequisite: NUR 970.

**NUR 972 POPULATIONS AND ORGANIZATIONAL SYSTEMS LEADERSHIP I: HEALTHY PRACTICE ENVIRONMENTS.** (3)

This systems level course provides opportunities for leadership development for Advanced Practice Public Health Nurses and Nurse Executives. The course focuses on theories of systems, leadership, motivation, power, influence, justice, ethics, and organizational behavior to lead individuals and groups providing healthcare in organizations and in the community. The course will also 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. Emphasis will be placed on analyzing the practice environment using research findings, literature and aggregate data. Students will learn how to integrate evidence-based decision making competencies to maximize attention to diverse challenges in the work environment. This course will provide an introduction to practice and business models. Prereq or coreq: NUR 970 and 971, or consent of instructor.

**NUR 974 POPULATIONS AND ORGANIZATIONAL SYSTEMS LEADERSHIP II SEMINAR: MANAGEMENT OF POPULATION HEALTH IN COMPLEX HEALTHCARE SYSTEMS.** (2)

The focus of this course will be to increase knowledge and abilities of Advanced Practice Public Health Nurses and Nurse Executives related to the effective management of resources and capital for the micro, meso, and macro systems of care. Additionally models to enhance ability to assess and provide culturally competent care at the organization, system, and population levels will be evaluated. Students will build on leadership strategies for promoting health, preventing disease, and managing illnesses in both organizations and populations. Students will develop strategies to work with diverse populations and a diverse workforce. Prereq: NUR 970, 971, 972, and 915; corequisite: NUR 975, or consent of instructor.

**NUR 975 POPULATIONS AND ORGANIZATIONAL SYSTEMS LEADERSHIP II CLINICAL: MANAGEMENT OF POPULATION HEALTH IN COMPLEX HEALTHCARE SYSTEMS.** (3)

This course is a companion to NUR 974. It provides directed clinical/practicum experiences designed so the student is able to apply content from NUR 974. The focus of this course will be to increase knowledge and abilities of POSL students related to the effective management of resources and capital for the micro, meso, and macro systems of care. Additionally models to enhance ability to assess and provide culturally competent care at the organization, system, and population levels will be evaluated. Students will build on leadership strategies for promoting health, preventing disease, and managing illnesses in both organizations and populations. Students will develop strategies to work with diverse populations and a diverse workforce. Course requires 12 hours per week clinical time. Prereq: NUR 972 and 915. Corequisite: NUR 974.

**NUR 976 POPULATIONS AND ORGANIZATIONAL SYSTEMS LEADERSHIP III SEMINAR: SYSTEMS AND COMMUNITY DIMENSIONS OF CRISIS AND DISASTER PREPAREDNESS.** (2)

This course will provide Advanced Practice Public Health Nurses and Nurse Executives with knowledge and skills needed to improve health outcomes of populations and micro, meso, and macro systems. Further, this course will prepare the student to be proficient in the knowledge, skills, and abilities to effectively work with complex organizational and community systems in crisis and disaster situations. Students will learn how to integrate evidence-based decision-making competencies to maximize attention to organizational and community resource challenges. Emphasis will be placed on crises and disaster prevention, preparedness, response, and recovery whether human or natural, when nursing, organizational, and system responses are required. Prereq: NUR 974 and 975, or permission of instructor; corequisite: NUR 977.
NUR 977 POPULATIONS AND ORGANIZATIONAL SYSTEMS LEADERSHIP III CLINICAL: SYSTEMS AND COMMUNITY DIMENSION OF CRises and DISASTER PREPAREDNESS. (3)
This course is a companion to NUR 976. It provides directed clinical/practicum experiences designed so the student is able to apply content from NUR 976 through exploring, participating in, and providing leadership related to selected aspects of disaster planning, management, and recovery in a specific community or organization. The instructor will work individually with each student to insure that the practicum responds to course objectives, the student’s goals, and learning needs. This course requires 12 hours per week clinical time. Prereq: NUR 974 and 975. Corequisite: NUR 976.

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.