

NUR

Nursing

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. This course is a Graduation Composition and Communication Requirement (GCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

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 HIPAA. Coreq: NUR 200.

#NUR 202 HEALTH PROMOTION ACROSS THE LIFESPAN. (5)

This course introduces the baccalaureate nursing student to growth and development and health promotion from infancy to older adulthood. Students will gain competence in concepts of health and change theories. They will acquire an understanding of the nursing process, medication math, as well as therapeutic communication techniques in lecture, clinical, and simulation. Students will develop critical thinking skills and a basic understanding of principles of teaching and learning useful to the nurse to provide evidence-based health promotion for individuals and families across the lifespan. 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 HIPAA. Corequisites: NUR 200, NUR 203.

#NUR 203 PHYSICAL ASSESSMENT ACROSS THE LIFESPAN. (3)

This health assessment course introduces the baccalaureate student to the concepts of physical assessment, therapeutic communication, & health promotion across the lifespan. It includes intensive work on the principles and techniques of performing a patient-centered assessment in the context of development, physiological, psychological, and environmental parameters. 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 HIPAA. Corequisites: NUR 200, NUR 202.

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.

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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 will provide 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. This course is a Graduation Composition and Communication Requirement (GCCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

NUR 311 NURSING CARE OF CHILDREARING 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 301, 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 301, 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 311.

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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. This course is a Graduation Composition and Communication Requirement (GCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

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.

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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 390 DEANS' INTERPROFESSIONAL HONORS COLLOQUIUM. (1)

This course provides health professions students with an interactive, seminar-based forum within which to explore the characteristics and implications of collaborative interprofessional practice around a contemporary health care issue with interprofessional implications. Eligible students are recommended by their respective college deans and admitted by application from the colleges of the Medical Center, the Clinical Pastoral Education Program within UK HealthCare as well as students from other programs that are engaged in or support collaborative interprofessional practice (e.g., Counseling Psychology, Kinesiology). Additionally, students from other colleges/majors may apply, with dean's recommendation, from programs approved for participation by the Dean's Interprofessional Honors Colloquium. Prereq: Nomination or approval of selection eligibility by the Dean of the College of Nursing; good academic standing in professional nursing program at the junior or senior level.

NUR 391 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 866 and NUR 863 or NUR 869.

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.

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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. This course is a Graduation Composition and Communication Requirement (GCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

NUR 450 THE IMPACT OF EVIDENCE-BASED PRACTICE IN NURSING. (3)

Registered nurses should not enroll in NUR 310: Evidence-based research for nursing practice; registered nurses should enroll in NUR 450. This course provides an introduction to the research methodology essential to providing evidence-based nursing care. Students who are registered nurses 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 evidence-based nursing practice. Information technology will be incorporated throughout the course. Students learn to apply this knowledge through evidence-based practice processes. Students will then communicate an evidence based practice project to their peers. Prereq: Admission to the RN-BSN Option. STA 210 is pre- or co-requisite.

NUR 451 POPULATION HEALTH FOR REGISTERED NURSES. (5)

Registered nurses should not enroll in NUR 403 for public health nursing; registered nurses should enroll in NUR 451. Registered nurses enrolled in the RN-BSN option will develop public health nursing skills in this undergraduate distance learning nursing course. Students will apply principles of health promotion and disease prevention that are evidence-based while delivering population-centered care to diverse populations in a variety of settings. Emphasis will be placed on current local, national, and global health issues in the context of public health nursing practice that builds on current skill sets of the registered nurse (RN). Prereq: Admission to RN-BSN option.

NUR 452 LEADERSHIP AND MANAGEMENT FOR REGISTERED NURSES. (3)

Registered nurses should not enroll in NUR 400 Leadership/Management in Nursing Care Delivery; registered nurses should enroll in NUR 452. This course is designed to advance the RN student's ability to use leadership and management theory in nursing practice within current and emerging organizational systems and across the continuum from health, illness, and returning to health. Leadership responsibilities, strategies, and skills for facilitating a healthy work environment that provides optimum patient/family outcomes and the development and self-actualization of staff will be addressed. Prereq: Admission to the RN-BSN program.

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NUR 453 NURSING PRACTICE CAPSTONE FOR REGISTERED NURSES. (6)

Registered nurses should not enroll in NUR 413 Synthesis of Clinical Knowledge for Nursing Practice; registered nurses should enroll in NUR 453. NUR 453 is a capstone graduation course designed for RN students working toward completion of the Bachelor of Science in Nursing degree. The course provides the opportunity to apply principles of patient safety, quality improvement, interprofessional teamwork, informatics, leadership, and evidence-based research to nursing practice in a variety of settings. Prereq: All other nursing courses in RN-BSN curriculum which include NUR 350, NUR 351, NUR 352, NUR 354, NUR 451, NUR 450, NUR 452 (NUR 450 and 452 are new course numbers also under review simultaneously).

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 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.)

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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 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 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, pathophysiological 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 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.

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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

Nursing

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.

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

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

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

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

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

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

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

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

NUR 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 737 RELATIONSHIP-BASED LEADERSHIP IN HEALTHY WORKING ENVIRONMENTS: PRACTICUM. (3)

This systems level course provides students the opportunity to work with a leadership preceptor to obtain experience in a position different than one they have experienced as an employee. During this practicum experience, students will learn about department and organizational requirements for a healthy work environment; they also will focus on the importance of positive professional relationships for success in varied leadership roles. Emphasis will be placed on the application of evidence-based leadership principles to promote a healthy practice environment and to address diverse challenges in the work environment. This course is to be taken at the same time the student is taking Nursing 972 Seminar. Prereq: Enrollment in the College of Nursing or permission from the instructor is required to enroll in this course. (Same as NUR 973.)

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 (OEHN): 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 (OEHN): 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 763 FOUNDATIONS OF SCIENCE AND KNOWLEDGE DEVELOPMENT IN NURSING. (2)

This course focuses on the foundations of nursing science and on approaches to developing knowledge for use in nursing research and 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. Verbal communication and active engagement are critical in this course. Prereq: Enrollment in Doctoral Program in Nursing or consent of instructor.

#NUR 764 SYSTEMATIC REVIEWS OF THE LITERATURE. (3)

This course focuses on the systematic critical evaluation of quantitative research studies in a focused area using established publications guidelines (e.g. PRISMA) to ensure quality. Students will conduct a systematic review in their area, evaluate the relevant literature and write a systematic review paper suitable for publication. Prereq: Admission to the graduate program in nursing or consent of instructor.

NUR

Nursing

#NUR 765 RESEARCH DESIGN AND METHODS: QUALITATIVE, QUANTITATIVE AND MIXED METHODS RESEARCH.**(4)**

The focus of this course is exploration of qualitative approaches to developing clinical nursing research, and application of quantitative research designs and methods, as well as mixed methods for testing hypotheses in clinical nursing research. Applications of qualitative and mixed methods to research questions relevant to nursing science are explored. 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. The relationship of data production and analysis strategies to underlying assumptions, theories, and research goals are considered. Prereq: Prerequisite courses include STA 570 and NUR 790 or the equivalents or consent of instructor. All incomplete work in these prerequisite courses must be completed before enrolling in NUR 765 and any incomplete received for NUR 765 must be completed before advancing to NUR 793 and NUR 794.

#NUR 766 RESPONSIBLE CONDUCT OF RESEARCH.**(1)**

A one credit hour seminar focusing on issues relative to the responsible conduct of human subject research. Included are topics on scientific integrity, the ethical conduct of research, and federal guidelines for inclusion of research subjects. Prereq: Enrollment in doctoral nursing program.

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

May be repeated indefinitely.

NUR 770 PHILOSOPHICAL FOUNDATIONS OF NURSING SCIENCE.*(2)**

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 the nursing discipline and its science and a historical evaluation of significant contributions to nursing science. Prereq: Enrollment in Doctoral 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 (Subtitle required).*(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

Nursing

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 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. (3)

Students use theories of leadership, motivation, power, influence, and relationships to evaluate current practices and initiate future practices within health care, educational, and research organizations. Shared visions, advocacy, relationships and change management are addressed. Students study the change process in health related organizations by critically analyzing demographics, cultural influences, and current trends that affect practice, education, and research. Prereq: Enrollment in DNP program or consent of instructor.

NUR 903 APPLIED BIostatISTICS FOR OUTCOMES EVALUATION. (3)

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, using SPSS. Students also will gain experience in the interpretation and presentation of findings via narrative and tabular formats. Prereq: Enrollment in DNP program, approved graduate level statistics course, STA 570 or STA 580 or STA 569 or equivalent within the past 3 years, or consent of instructor.

NUR

Nursing

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 905 DOCTOR OF NURSING PRACTICE SEMINAR.*(1)**

This seminar will provide students with an overview of the Doctor of Nursing Practice (DNP) degree, with a focus on historical development and contemporary practice issues. Roles of the advanced practice nurse (APN) with a DNP degree will be analyzed in the context of current policy statements from accrediting and professional organizations. Core competencies of APNs with DNP degrees will be applied to students' specialty roles. Portfolio development will be discussed. Prereq: Admission to DNP program or consent of instructor. Coreq: NUR 924 or NUR 915 or STA 569 or STA 580 or EPE 557.

NUR 906 APPLICATION OF BIostatISTICS AND EPIDEMIOLOGY FOR STRATEGIC DECISION MAKING.**(3)**

This course integrates and applies the principles and tools of epidemiology and biostatistics to decision-making in the health care environment. Core epidemiology and biostatistics concepts and analytic methods will be explored in the context of the role of executive and nursing leaders. The focus of the course is on critical appraisal and interpretation of data obtained through epidemiological investigations and statistical analyses in evaluating population and clinical outcomes and in making strategic organizational decisions. Principles and methods of data analysis central to understanding health-related indicators for clinical and population health management will be applied by students throughout the course. Prereq: STA 569, 570, 580, or equivalent.

NUR 909 PROPOSAL DEVELOPMENT.**(1)**

This course focuses on writing and critical thinking skills for development of a proposal for funding. Students will apply their knowledge related to evaluation of evidence and data collection to develop a proposal based on critical review of the literature that identifies gaps in knowledge and appropriate methods to address specific aims and/or objectives. Prereq: NUR 915; NUR 916; and STA 569 or 570. Formation of student advisory committee or consent of instructor. Coreq: One of the following: NUR 778, 903, 904, 916, 917, 919, 930, or 974.

NUR 910 DNP PROJECT.*(1-3)**

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 4 hours per week residency time for each credit hour enrolled. 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.**(3)**

This course focuses on the application of economic and financial principles and practices to health care. Within this framework, content related to finance and economics, health care reimbursement models, incentive structures, market dynamics, economic evaluations, and quantification of outcomes are examined. 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: NUR 903 Applied Biostatistics, or consent of instructor.

NUR 915 EVALUATING EVIDENCE FOR RESEARCH AND EVIDENCE-BASED PRACTICE.**(3)**

This course focuses on critical evaluation and synthesis of the comprehensive evidence base including interventional and non-interventional research and non-research sources of evidence to elucidate the best available evidence and state of the science in a particular focused area to provide a foundation for the development of practice change based on best evidence, and to illuminate significant gaps in current knowledge to support the development of research studies. This course is designed to provide the tools to evaluate, translate and integrate evidence for scholarly inquiry and/or practice improvement. Prereq: NUR 925 or awarded MSN degree; and STA 570 or 569, or consent of instructor.

NUR 916 PROGRAM PLANNING AND EVALUATION FOR IMPROVEMENT IN PRACTICE AND HEALTH OUTCOMES.**(3)**

This course provides students with the knowledge and tools to develop, implement and evaluate evidence based clinical and administrative programs to improve healthcare and system outcomes. Students will use evidence to develop a program implementation and evaluation plan using the philosophies, theories, research and evidence-based clinical practices in nursing and related fields. Emphasis is on a strategic view of health care systems and effective clinical program planning/implementation/evaluation within integrated care delivery systems and use of evidence for effective decision making. Further emphasis is on the use of program evaluation for improvements in clinical outcomes and efficiency. Prereq: NUR 925 or MSN degree, and 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: Admission to DNP program or consent of instructor.

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

This synthesis course focuses on evolving nursing interventions in advanced clinical and administrative practice. 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 978/979 or consent of instructor.

NUR 921 PATHOPHYSIOLOGY.**(3)**

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

**NUR 922 ADVANCED PHARMACOLOGY FOR ADVANCED PRACTICE NURSES:
(Subtitle required).****(4)**

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.

NUR

Nursing

NUR 923 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 631.)

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

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

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

This course provides the knowledge and skills essential for using research to support clinical and organizational decision-making. The strengths and limitations of various research designs and methods are reviewed for their utility in answering clinical questions, evaluating care delivery and patient outcomes, and making clinical decisions. Prereq: Graduate statistics course 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. (3)

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

NUR 927 SPECIAL TOPICS IN PHARMACOLOGY: (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. Coreq: One of the following: NUR 930, 941, 942, 946, 947, 956, 957, 958, 959, 961, 962, 966, 967 or 980.

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 graduate nursing program, and completion of second DNP speciality course or consent of instructor. Coreq: One of the following: NUR 910, 927, 941, 942, 946, 947, 956, 957, 958, 959, 961, 962, 966, 967 or 980.

NUR 940 ROLES, ISSUES, AND HEALTH PROMOTION FOR ADULT GERONTOLOGY ACUTE CARE NURSE PRACTITIONER. (3)

This introductory course provides an overview of advanced practice nursing and the adult-gerontology acute care nurse practitioner role-evolution. Professional issues and trends at the state and national levels will be analyzed. This course will focus on the adult-gerontology acute care nurse practitioner's contributions to health, wellness, and health promotion among populations commonly served. Scope, standards and competencies will be addressed as well as licensure, accreditation and certification. The interaction of the AG-ACNP within the continuum of acute and critical care health care delivery system will be emphasized. Prereq: NUR 925, NUR 924. Prereq or coreq: NUR 921, NUR 922 and NUR 923.

NUR 941 ADULT-GERONTOLOGY ACUTE CARE NURSE PRACTITIONER SEMINAR I. (3)

This didactic Adult Gerontological Acute Care Nurse Practitioner course focuses on the role of the AG-ACNP in the complex care of acute and critically ill adult and geriatric patients. Course content includes the diagnosis and management of episodic and chronic illness; diagnostic tests; technologic and therapeutic interventions. 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 complex acute and chronic illness. Particular attention is given to providing evidence-based, comprehensive, individualized, ethical, and collaborative care that takes into consideration health quality, costs, and outcomes for the acutely ill patient population. Prereq: NUR 940, 921, 923, and 922; coreq: NUR 943.

NUR 942 ADULT-GERONTOLOGY-ACUTE CARE NURSE PRACTITIONER SEMINAR II. (3)

This Adult Gerontology Acute Care Nurse Practitioner didactic course focuses on the assessment, differential diagnosis and management of complex critically ill adults who are physiologically unstable, technologically dependent, and/or are highly vulnerable to complications. Particular attention is given to providing evidence based, comprehensive, individualized, and collaborative care that takes into consideration health quality, costs, and outcomes for the acute and critically ill adult/geriatric patient and their family. This course prepares the student to assess and diagnose episodic and chronic highly acute and critical illnesses, interpret diagnostic tests, and use technologic and therapeutic interventions through admission, transition, and discharge. Trauma, end-of-life care, leadership, critique of the AG-ACNP role and clinical scholarship/inquiry are addressed in this course. Prereq: NUR 940, 941, NUR 921, 922, and 923; coreq: NUR 944.

NUR 943 ADULT GERONTOLOGY-ACUTE CARE NURSE PRACTITIONER CLINICAL PRACTICUM I. (3)

This is the first Adult Gerontology Acute Care Nurse Practitioner clinical course focusing on the physical, cultural, spiritual, and ethical care of the adult acutely and critically ill patient. Settings include all units where highly acute and critically ill patients' individual needs can be met and their outcomes optimally achieved. Students conduct an inclusive history and physical examination, document findings, and then assist with planning and implementing a comprehensive evidence-based plan of care. This course prepares the student to assess and begin to diagnose episodic and chronic highly acute illnesses, interpret diagnostic tests, and utilize technologic and therapeutic interventions. Prereq: NUR 940, NUR 921, NUR 922, and NUR 923; coreq: NUR 941.

NUR 944 ADULT GERONTOLOGY-ACUTE CARE NURSE PRACTITIONER CLINICAL PRACTICUM II. (3)

This is the second Adult Gerontology Acute Care Nurse Practitioner clinical course focusing on the physical, cultural, spiritual, and ethical care of the adult acutely and critically ill patient. Settings include all units where highly acute and critically ill patients' individual needs can be met and their outcomes optimally achieved. This Adult-Gerontology Acute Care Nurse Practitioner clinical course focuses on the clinical assessment and care of complex adult patients who are physiologically unstable, technologically dependent, and/or are highly vulnerable to complications. This course prepares the student to assess and diagnose complex episodic and chronic acute and critical illness, interpret diagnostic tests, and use technologic and therapeutic interventions through admission, transition and discharge. Particular attention is given to providing evidence based, comprehensive, individualized, and collaborative care that takes into consideration health policy, quality, costs, and outcomes for the acute and critically ill patient. Students conduct an inclusive history and physical examination, document findings, and then assist with planning and implementing a comprehensive evidence-based plan of care. This course builds upon NUR 943 to prepare the student to assess and diagnose episodic and chronic highly acute illnesses, interpret diagnostic tests, and utilize technologic and therapeutic interventions in a safe and cost effective manner. Prereq: NUR 921, NUR 922, NUR 923, NUR 940, NUR 941 and NUR 943; coreq: NUR 942.

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 wellness (physical and mental), health promotion and disease prevention, risk assessment and reduction, individual and community screening measures and alternative health practices through the adult life span 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, preventative lifestyle behaviors, adherence to therapeutic regimes and lifestyle changes will be presented. This course will address how students will learn and practice 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; prereq or coreq: NUR 922, NUR 927, NUR 925, NUR 923 and admission to DNP program, graduate nursing programs, or consent of instructor.

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NUR 946 ADULT-GERONTOLOGICAL CLINICAL NURSE SPECIALIST PROVIDING ACUTE CARE ACROSS THE LIFE SPAN OF THE ADULT. (3)

This course provides content for 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. Prereq: NUR 921, NUR 922, NUR 945 or consent of the instructor; coreq: NUR 948.

NUR 947 ADULT-GERONTOLOGICAL CLINICAL NURSE SPECIALIST PROVIDING CHRONIC CARE ACROSS THE LIFE SPAN OF THE ADULT. (3)

This course provides content for advanced practice nursing care of 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. Prereq: NUR 945, NUR 946, or consent of instructor; coreq: NUR 949.

NUR 948 CLINICAL PROBLEMS IN ACUTE CARE ACROSS THE ADULT GERO LIFE SPAN IN ADVANCE PRACTICE NURSING. (3)

This course provides opportunity for application of evidence-based interventions for clinical problems encountered in the acute care setting clinical practice 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. This course prepares the student to conduct comprehensive, holistic wellness/illness assessments, obtain data necessary to formulate differential diagnoses/plans of care and evaluate outcomes using advanced clinical judgment to diagnose, treat, and evaluate patient care problems in the acute care setting. Prereq: NUR 945, or consent of instructor; coreq: NUR 946.

NUR 949 CLINICAL PROBLEMS IN CHRONIC CARE ACROSS THE ADULT GERO LIFE SPAN IN ADVANCE PRACTICE NURSING. (3)

This course provides opportunity for application of evidence-based interventions for clinical problems encountered in chronic care of the Adult-Gero patient in clinical practice 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. This course prepares the student to conduct comprehensive, holistic wellness/illness assessments, obtain data necessary to formulate differential diagnoses/plans of care and evaluate outcomes using advanced clinical judgment to diagnose, treat, and evaluate chronic patient care problems in complex health care settings. Prereq: NUR 945, or consent of instructor; coreq: NUR 947.

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

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, 961 or 962.

NUR 952 PEDIATRIC ACUTE CARE ADVANCED PRACTICE CLINICAL: (Subtitle required). (3)

This clinical experience focuses on comprehensive patient assessment, diagnosis and management of health problems commonly seen in acute and critical 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 acute care nurse practitioner's role as a collaborative member of the health care team will be evaluated. Course requires 12 hours per week clinical (180 hours per semester). Prereq: Admission to DNP Program; NUR 923; NUR 922; and NUR 955. Coreq: NUR 958 or NUR 959.

NUR

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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: ACUTE ILLNESS MANAGEMENT. (3)

This course allows the Post-Master's Certificate or the practice-doctorate pediatric, primary care nursing student the opportunity to incorporate other health care disciplines and engage clinical decision-making skills 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. Coreq: NUR 950 (3 credit hour clinical).

NUR 957 PNP-PRIMARY CARE: CHRONIC ILLNESS AND SPECIAL NEEDS MANAGEMENT. (3)

This course allows the Post-Master's Certificate or the practice-doctorate pediatric, primary care or FNP 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 (stable), 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: NUR 956; for students admitted to the Post-master's Certificate (PC-PNP) or pediatric primary care nurse practitioner BSN-DNP program; consent of the instructor. Coreq: NUR 950 (3 credit hour clinical course).

NUR 958 PNP-ACUTE CARE: ACUTE/COMPLEX ILLNESS MANAGEMENT. (3)

This course allows the graduate pediatric nursing student to collaborate with other health care disciplines and incorporate clinical decision-making into the 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 management of acute illnesses commonly seen in children (birth to 21 years). The role of the AC-PNP will be integrated into 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 using a variety of modalities integrating current research and evidence-based findings into clinical practice. Prereq: Admission to professional nursing program, NUR 955, and NUR 959. Coreq: NUR 952.

NUR 959 PNP-ACUTE CARE: CHRONIC ILLNESS AND SPECIAL NEEDS MANAGEMENT. (3)

This course allows the graduate pediatric nursing student the opportunity to examine the care of children and adolescents (birth through 21 years) with special health care needs and those with complex/critical, chronic health deviations on the pediatric client, their families, and the community. By incorporating the role of the PNP into the process of utilizing clinical decision-making skills, interprofessional collaboration, management and intervention strategies, the student will provide collaborative care to the pediatric client with acute/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. Prereq: Admission to professional nursing program, NUR 921; NUR 922; and NUR 923. Coreq: NUR 952.

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. (3)

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 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 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 963 PRIMARY CARE OF CHILDREN AND CHILDBEARING FAMILIES. (3)

This course focuses on the Family Nurse Practitioner's role in the assessment, diagnosis and management of selected acute and chronic health problems among children in the primary care setting as well as care of the childbearing family. Emphasis will be placed 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 assessment and management of acute and chronic health problems will be explored. Growth and development, well child exams, prenatal and postpartum care and the impact of health problems on the family will be emphasized. Prereq: NUR 921, NUR 922, NUR 927, NUR 923, NUR 960, admission to DNP program or consent of instructor.

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 ILLNESSES IN ADULTS AND ELDERLY. (3)

This course focuses on the study of conceptual frameworks, theories, and research related to common psychiatric disorders among adults and elderly patients. Concepts related to diagnostic criteria, assessment, treatment, evaluation, and recovery from psychiatric illness in adult and elderly patients will be emphasized. The course will also focus on biological and pharmacologic theories, developmental issues, psychotherapeutic modalities, and primary prevention of psychiatric illnesses in this population. Treatment approaches for patients with comorbid psychiatric and medical/substance abuse will be discussed. Prereq: NUR 921, 923 and 965. Pre or coreq: NUR 922. Coreq: NUR 968.

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NUR 967 DIAGNOSIS AND MANAGEMENT OF PSYCHIATRIC ILLNESSES IN CHILDREN, ADOLESCENTS AND YOUNG ADULTS. (3)

This course focuses on the study of conceptual frameworks, theories, and research related to common psychiatric disorders among children, adolescents, and young adults. Concepts related to diagnostic criteria, assessment, treatment, evaluation, and recovery from psychiatric illness in child, adolescents, and young adult patients will be emphasized. The course will also focus on biological and pharmacologic theories, developmental issues, psychotherapeutic modalities, and primary prevention of psychiatric illnesses in this population. Treatment approaches for active duty military service personnel and veterans with psychiatric illnesses will be discussed. Prereq: NUR 965, 966, 968. Coreq: NUR 969.

NUR 968 CLINICAL MANAGEMENT OF PSYCHIATRIC DISORDERS IN ADULTS AND ELDERLY. (3)

This course will provide students with clinical experiences in the treatment of adults and elderly patients with psychiatric illnesses. 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. Prereq: NUR 921, 923 and 965. Pre/coreq: NUR 922. Coreq: NUR 966.

NUR 969 CLINICAL MANAGEMENT OF PSYCHIATRIC DISORDERS IN CHILDREN, ADOLESCENTS AND YOUNG ADULTS. (3)

This course will provide students with clinical experiences in the treatment of children, adolescents and young adults with psychiatric disorders. 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 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. Prereq: NUR 921, 922, 923, 965 and 966. Coreq: NUR 967.

NUR 970 ASSESSMENT AND DESIGN OF COMPLEX HEALTHCARE SYSTEMS: SEMINAR. (3)

This advanced health systems course will prepare Nurse Executives to conduct comprehensive assessments of organizations and design evidence-based processes to optimize workflow across organizational units. Students will learn to conduct a comprehensive systems health assessment guided by organization theory. Organizational leaders are responsible for coordination and communication across work units within organizations, thus, students will design evidence-based strategies to assist the healthcare team in managing the transitions of care among team members and across the continuum of care. Attention will be focused on providing safe, patient-centered care provided at the right time in the most appropriate setting. Enrollment in the College of Nursing or permission from the instructor is required to enroll in this course. Coreq: NUR 971.

NUR 971 ASSESSMENT AND DESIGN OF COMPLEX HEALTHCARE SYSTEMS: CLINICAL PRACTICUM. (1)

This advanced health systems course will prepare Nurse Executives to conduct comprehensive assessments of organizations and design evidence-based processes to optimize workflow across organizational units. Students will learn to conduct a comprehensive systems health assessment guided by organization theory. Organizational leaders are responsible for coordination and communication across work units within organizations, thus, students will design evidence-based strategies to assist the healthcare team in managing the transitions of care among team members and across the continuum of care. Attention will be focused on providing safe, patient-centered care provided at the right time in the most appropriate setting. Enrollment in the College of Nursing or permission from the instructor is required to enroll in this course. Prereq: Enrollment in DNP program; coreq: NUR 970.

NUR 972 POPULATIONS AND ORGANIZATIONAL SYSTEMS LEADERSHIP: RELATIONSHIP BASED EXECUTIVE LEADERSHIP IN HEALTHY WORKING ENVIRONMENTS. (3)

This systems level course provides opportunities for leadership development for Nurse Executives. The course focuses on theories of systems, leadership, motivation, politics, 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. Enrollment in the College of Nursing or permission from the instructor is required to enroll in this course.

#NUR 973 RELATIONSHIP-BASED LEADERSHIP IN HEALTHY WORKING ENVIRONMENTS: PRACTICUM. (3)

This systems level course provides students the opportunity to work with a leadership preceptor to obtain experience in a position different than one they have experienced as an employee. During this practicum experience, students will learn about department and organizational requirements for a healthy work environment; they also will focus on the importance of positive professional relationships for success in varied leadership roles. Emphasis will be placed on the application of evidence-based leadership principles to promote a healthy practice environment and to address diverse challenges in the work environment. This course is to be taken at the same time the student is taking Nursing 972 Seminar. Prereq: Enrollment in the College of Nursing or permission from the instructor is required to enroll in this course. (Same as NUR 737.)

NUR 974 STRATEGIC LEADERSHIP IN COMPLEX HEALTHCARE ORGANIZATIONS. (2)

Preparing nurses to work as strategic executive leaders in complex organizations and systems in both community and inpatient/outpatient healthcare settings is the focus of this course. Leading in today's healthcare environment brings challenges that require new and adaptable skill sets. Students will learn strategies for working effectively within varied healthcare environments and for surviving and thriving as an executive leader both at the organizational and systems level. In this course students will focus on topics that are essential for today's executive nursing leader, to include executive presence, power of emotions, disruptive innovation, strategy execution, financial savvy and business skills, effective organizational collaborations, boundary spanning, a culture of quality, managing variation, and managing healthcare environment challenges (i.e., legal, financial, human resources, etc). As the final outcome in this course, students will develop a business plan related to a corporate systems level innovation within a multi-organization system. Prereq: NUR 972. Coreq: NUR 975.

NUR 975 STRATEGIC LEADERSHIP IN COMPLEX HEALTHCARE ORGANIZATIONS: CLINICAL. (2-3)

Learning about the rewards and challenges of being in an executive nursing leadership role is the focus of this course. Students will precept with an Executive Nurse Leader in a complex organization/system environment (community, clinic setting, hospital setting, etc.). Students will observe/learn strategies for working effectively within complex organizations/systems and for surviving and thriving as an executive leader. In this course students will evaluate how executive leaders manage the financial/business challenges within the organization, maintain executive presence in the organization, set and span organizational boundaries, manage their emotions, and effectively collaborate with other organizational leaders. The student will also learn how the organization deals with disruptive innovation, executes new strategies, establishes a culture of quality, and manages variation. Students will gather data for the business plan they will write as part of the Nursing 974 Seminar Course. This course is to be taken at the same time the student is taking Nursing 974 Seminar. Prereq: NUR 972. Coreq: NUR 974.

NUR 976 POPULATIONS AND ORGANIZATIONAL SYSTEMS LEADERSHIP III SEMINAR: SYSTEMS AND COMMUNITY DIMENSIONS OF CRISES 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.

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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 978 POPULATION HEALTH: SEMINAR. (2)

Students will be challenged to analyze the philosophical, scientific, and historical roots of population health and to consider the role which public health, economics, technology, public policy, and politics plays in developing and sustaining population health initiatives. Attention will also be given to the strategies and methods, including quality parameters used in the application of population health concepts in health-oriented initiatives in populations at the aggregate, community, occupational/environmental, and social/cultural dimensions of health in their role as leaders in population health within diverse settings. Coreq: NUR 979.

NUR 979 POPULATION HEALTH: CLINICAL. (2-3)

This course is a companion to NUR 978. It provides directed clinical/practicum experiences designed so the student is able to apply content from NUR 978 through exploring, participating in, and providing leadership related to selected aspects of population health. The instructor will work individually with each student to insure that the practicum responds to both the course objectives and the student's goals and learning needs. Enrollment in the College of Nursing and in NUR 978 are required to enroll in this course. Coreq: NUR 978.

NUR 980 SPECIAL TOPICS IN NURSING (Subtitle required). (1-6)

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. Prereq: Admission to DNP program or consent of instructor.

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

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