COURSE DESCRIPTIONS

FNP Courses

NUR 701: Nursing Science.
Prerequisite: admission to a graduate program in nursing or permission of instructor.
This course is designed to address how nursing science has evolved and the state of the art of nursing science. Emphasis will be placed on analysis and critique of existing nursing models and theories.

NUR 703: Population Health: A Local to Global Perspective.
Prerequisite: admission to the graduate programs in nursing.
This course fosters development of advanced knowledge of health systems and social determinants of population health from a local, state, national, and global perspective. The phenomena of cultural competence, health disparities, health promotion, community health assessment, and a global health outlook will be explored. The course is a pre/corequisite for NUR 704.

NUR 711: Advanced Roles and Leadership in Nursing.
Prerequisite: admission to a graduate program in nursing.
Examination of advanced nursing roles with emphasis on role theory, leadership, and advanced competencies.

NUR 730: Family Practice I.
Prerequisites: admission to the BSN to DNP program.
Emphasis on evidence based clinical practice to promote health and prevent chronic disease. Didactic and clinical experiences include assessment, diagnosis and management of acute health problems in the geriatric, adult and pediatric population. Includes clinical experiences of no less than 96 hours.

NUR 734: Advanced Physical Assessment and Clinical Reasoning.
Prerequisite: admission to a graduate program in nursing or permission of instructor.
Advanced critical thinking, communication and diagnostic skills needed to obtain comprehensive and focused history and physical exams, analyze assessment data, generate differential diagnoses, evaluate and utilize screening and diagnostic modalities appropriately. An evidence-based practice framework will be utilized. Identical with ANE 734. Cannot receive credit for both NUR 734 and ANE 734. Variable credit course.

NUR 750: Family Practice II.
Prerequisites: admission to the BSN to DNP Program. Emphasis on evidence based clinical practice to promote health and prevent chronic disease. Didactic and clinical experiences include assessment, diagnosis and management of chronic health problems in the geriatric, adult and pediatric population. Includes clinical experiences of no less than 96 hours.

NUR 761: Advanced Pharmacotherapeutics.
Prerequisite: admission to the graduate programs in nursing or permission of instructor. An in-depth analysis of pharmacotherapeutics and clinical pharmacotherapeutics for nurses in advances practice including regulatory consideration in drug management. Identical to PAS 781. Cannot receive credit for both NUR 761 and PAS 781.
NUR 762 Prescriptive Practices for the Advanced Practice Nurse
Prerequisite: admission to the graduate program in Family Nurse Practitioner or permission of instructor; and concurrently enrollment in NUR 761, section 1.
This course is taken in conjunction with NUR 761 Section 1, to further investigate pharmacokinetics and pharmacodynamics for the advanced practice nurse. Emphasis will be placed on drug management and rationale prescribing including regulatory considerations.

NUR 765: Applications of Advanced Pathophysiology.
Prerequisite: admission to a graduate program in nursing. Clinical application of advanced pathophysiology for advanced nursing roles. Includes laboratory experiences of not less than 32 contact hours.

NUR 770: Family Practice III.
Prerequisite: admission to the BSN to DNP Program. This course covers special clinical topics in NP practice including, but not limited to procedures, emergencies/trauma, wilderness medicine, pain management, and genetic disorders. Includes clinical experiences of no less than 96 hours.

NUR 772: Advanced Research Methods in Nursing.
Prerequisite: admission to the graduate programs in nursing or permission of instructor. Critical analysis of the researcher role, the research process, and research ethics within a nursing framework. Application of learned principles will result in the development of the research proposal.

NUR 790: Family Nurse Practitioner Advanced Practicum.
Prerequisite: admission to the graduate programs in nursing or permission of instructor. Development of the role of a FNP in a supervised setting. Included clinical experiences of no less than 240 hours. Supplemental course fee.

PBH 710 Clinical Epidemiology.
This course is an introduction to the epidemiological methods and procedures utilized in a clinical environment. The course will include the study of infectious and non-infectious disease epidemiology. Students will learn how to use basic epidemiological concepts and methods in the clinical setting in order to make better decisions regarding evidence based medicine and quality of care. Basic statistical measures used in the analysis of clinical and epidemiologic evaluations, including measures of disease frequency and measures of absolute and relative effects, will be covered. Additional topics include accessing and evaluating sources of data, qualitative and quantitative systematic reviews of literature based evidence, and meta-analyses. This course cannot be counted toward the Master of Public Health. It is designed for students in clinical fields such as nursing practice.
DNP Courses

**NUR 800: DNP Leadership I: Concepts for Evidence-Based Practice.**
Prerequisite: admission to the DNP Program and meet program progression requirements.
This course explores and applies foundational concepts and theories for the development of the DNP nurse leader and the DNP Change Project. Concepts include transforming healthcare through evidence-based practice, quality improvement, leadership in healthcare systems, project planning, evaluation of evidence, and consideration of disparities in health and healthcare from a population focus. This course has no less than 48 clinical hours.

**NUR 802: Emerging Science of Advanced Practice.**
Prerequisite: admission to the DNP Program and completion of a graduate level nursing theory course and a graduate level nursing research course. In this course, concepts, theories, and philosophical perspectives relevant to nursing science, research, and advanced nursing practice will be examined. Emphasis will be placed on exploring, analyzing, and applying concepts, theories, philosophies, and traditional and translational research methods, to the discipline of nursing, and to the student’s area of research. The use of systematic reviews, meta-analysis, and meta-synthesis in the student’s DNP project and in nursing practice will be explored.

**NUR 810 Finance Management and Entrepreneurship for Advanced Nursing Roles.**
Prerequisite: admission to the DNP Program and meet program progression requirements.
This course focuses on the understanding and analysis of concepts and issues related to finance, budgeting, resource management, funding, reimbursement, cost-benefit analysis, and entrepreneurship as applicable to advanced nursing roles within the changing health care environment.

**NUR 824: Health Policy to Improve Health Disparities.**
Prerequisite: admission to the DNP program. This course will explore the advanced roles and skills needed in health policy advocacy, analysis, development, implementation, and evaluation. Advanced advocacy skills and tools for addressing health care cost, quality, and access issues; as well as social justice, vulnerable populations, and health disparities, will be explored. Emphasis will be placed on understanding the complexities of local, national, and global health issues and policy initiatives necessary to improve health outcomes.

**NUR 830: DNP Leadership II: Impacting Disparities in Health and Healthcare. 3(3-0), F**
Prerequisite: admission to the DNP Program and meet program progression requirements.
Building on NUR 800, the focus of this course includes the concepts of leadership, change, problem solving, ethical decision-making theories and their application to project planning. The concepts of translational research, quality improvement, and budgeting, within a health and healthcare disparities framework will be addressed and applied. This course has no less than 144 clinical hours.
NUR 840: Technology for Transforming Nursing and Healthcare Systems.
Prerequisite: admission to a graduate program in nursing or permission.
This course is designed to provide an overview of nursing and healthcare information technology for the advanced practice nurse. The purpose of this course is to explore information system concepts and leverage technologies that can be used to improve quality, enhance patient safety, and transform the health of individuals, families, communities, and populations.

NUR 860: DNP Leadership III: Transforming Systems.
Prerequisite: admission to the DNP program and meet program progression requirements.
This course builds on previous DNP Leadership courses with an emphasis on advanced leadership roles for transforming health and healthcare disparities at the systems level. Concepts addressed include implementing a strategic plan and evaluating plan outcomes; resource management; leading and managing change and innovation in diverse healthcare environments; healthcare economics; influencing healthcare policy, and organizational culture and behavior; program/impact evaluation. Advanced leadership roles, such as consultant, entrepreneur, grant writer, mentor, advanced advocate, and change agent will be included. During this course an evidence-based DNP project to transform practice within a healthcare system will be implemented and evaluated. This course has no less than 144 clinical hours.

NUR 993: Transforming Practice.
Prerequisite: Admission to the DNP program and meet program progression requirements.
During this course, the DNP student will utilize and synthesize project findings with current evidence to develop scholarly products of publications and presentations for dissemination. This course has no less than 192 clinical hours.