NURS 5003  Health Care and Nursing Informatics
This course explores the integration of computer technology, information science and nursing practice in education, research, and administration and healthcare systems. The course facilitates the student's engagement in the unfolding digital electronic era in healthcare including the use of electronic means of documentation and tracking of patient data related to patient safety and quality improvement within health care delivery. Course includes the use of databases in academic settings, research for evidence.

NURS 5023  Nursing Research: Evidence for Nursing Practice
This course prepares the student to evaluate and utilize new knowledge to provide high quality, evidence-based health care, to initiate change and to improve nursing practice. The intent is demonstrating the use of evidence to meet the needs of clients in various settings of professional practice and academics. Prerequisite: NURS 5003 and successful completion of a basic statistics course.

NURS 5033  Philosophical Foundations of Professional Nursing
Exploration of the application of philosophical and theoretical thinking to various advanced nursing roles: clinical practitioner, administrator, educator, and researcher. Theory from nursing and related disciplines will be examined.

NURS 5053  Nursing Leadership and Health Policy
The course will explore how health policy is formulated, how to affect this process, and how it impacts consumers and health care delivery. Leadership strategies for successful outcomes in complex systems will be examined. The influence of ethical issues on policy development will be considered.

NURS 5113  Strategies and Evaluation
This course explores instructional strategies including nursing education, measurement, and evaluation of learning outcomes in a variety of settings. Prerequisite: all core courses. Prerequisite courses not required for certificate programs.

NURS 5123  Curriculum Design and Evaluation
This course examines the elements of curriculum and program design in a variety of settings. The process of curricular evaluation is explored as it related to program approval and accreditation. Prerequisite: all core courses. Prerequisite courses not required for certificate programs.

NURS 5303  Global Health Care and Community Development
This course emphasizes the theory and principles of global health care and community development. Organizations, agencies, and inter-professional roles will be explored. Common health care and community development issues found locally and around the world will be discussed. Prerequisites: NURS 5003, NURS 5023, NURS 5033, and NURS 5053 or permission. Prerequisite courses not required for certificate programs.

NURS 5323  Cross-Cultural Care
This course explores the process of developing cultural competence in order to facilitate health in diverse settings. This course is directed to those who are interested in working in culturally diverse settings in the areas of health care and/or community development. The processes of assessing a culture, adjusting to living in a new culture, and working holistically in cross-cultural settings are explored. Prerequisites: NURS 5003, NURS 5023, NURS 5033, and NURS 5053 or permission. Prerequisite courses not required for certificate programs.

NURS 5471  Advanced Nursing Practicum I
This course provides one credit of practicum experience tailored to the student's needs. The course serves students in multiple programs and certificates. For MSN students, this course initiates the practicum experience with a focus on planning objectives, activities, and appropriate preceptors in preparation for Advanced Practicum II.
NURS 5483  Advanced Nursing Practicum II
This course provides an opportunity for students to participate in and perform advanced nursing roles and functions. Faculty and students will collaborate to design a practicum experience based on the individual student's career goals. The student must have a minimum of 1000 hours documented of professional practice as a Registered Nurse before beginning this course. Prerequisites: NURS 5113, 5123, 5303, 5323, and all core courses.

NURS 5513  Advanced Health Assessment
This course will employ advanced techniques and skills in physical examination and Assessment of clients across the lifespan. The focus will be on deviations from normal populations. Opportunities to perform comprehensive and problem specific psychosocial, developmental, cultural, spiritual, and physical assessments will be included. Analysis of assessment data will determine health stats, strategies for clinical prevention, and identification of health problems with differential diagnosis of all human body systems. This is developed to prepare direct care practitioners who are not advanced practice.

NURS 5523  Advanced Pharmacology Applications
This course is designed to prepare nurses to accurately describe, administer, and counsel patients regarding appropriate and safe medication regimens. 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. This course includes pharmacodynamics, pharmacokinetics, and pharmacotherapeutics of all broad categories of agents. This is developed to prepare direct care practitioners who are not advanced practice.

NURS 5533  Advanced Pathophysiology
This course prepares the student with advanced knowledge in pathophysiology of all human body systems. This course includes clinical concepts of the most common disease processes among patients across the lifespan: response to injury, disturbances of circulation, and abnormalities of cellular function. Clinical manifestations of disease will be covered with explanation of etiology and pathogenesis. This is developed to prepare direct care practitioners who are not advanced practice.

NURS 5603  Population-Based Health Promotion
This course explores population-based health promotion drawing from social and physical sciences in order to prevent disease and disability. The course will introduce methods of health promotion including community-based participatory research, social marketing, and health education. The course will emphasize global and culturally diverse communities.

NURS 5613  Assessment of Communities
An ecological systems approach will be used in this course to assess communities with a focus on global and culturally diverse communities. This course includes the process of entering a community and working with locals to assess and prioritize health needs. Several methods of assessment will be introduced with the goal of identifying and analyzing determinants that promote or compromise health.

NURS 5623  Epidemiology
This course introduces the basic concepts of epidemiology as applied to public health problems. Included are descriptions of frequency and patterns of illnesses in populations. Epidemiologic study designs for investigating associations between risk factors and disease outcomes are also introduced. The application of epidemiology to control health problems will be presented.

NURS 5981  Capstone Seminar
This course will initiate the Capstone experience with a focus on defining a practice question and related evidence. The course will be the basis of the Capstone exploration. Prerequisite: completion of 18 credit in the Master of Nursing program.

NURS 5993  Capstone Course
This course synthesizes previous learning and facilitates transition to advanced nursing roles by providing experience identifying a practice problem, exploring related research, and developing strategies for resolution in collaboration with other professionals. Prerequisites: all required courses. Corequisite: NURS 5483. Additional fee required.