NUMN 400. Guided Study. 1 - 6 Units.
Selected topics in basic nursing. May include clinical experiences.

NUMN 401. Introduction to the Discipline and Practice of Nursing. 6.5 Units.
This course is an introduction to the discipline and practice of nursing. Factors influencing health and illness will be explored. Selected nursing strategies and interventions designed to support the maximum health potential of the adult client will be incorporated into lab sessions and practiced in acute care and other settings as arranged. Historical, societal, and legal influences on nursing and the role and functions of the professional nurse will be examined. Coreq: NUMN 402 and NUMN 410.

NUMN 402. Pharmacology for the Advanced Generalist Nurse. 3 Units.
This course is an introduction to the principles of pharmacology and pharmacotherapeutics, including characteristics of the major drug classifications with emphasis on drug action and adverse effects. Students will apply knowledge of pharmacology to implications for safe, patient-centered nursing care. Coreq: NUMN 401 and NUMN 410.

NUMN 403. Introduction to Nursing Informatics. 1 Unit.
This course will introduce students to the concepts of health informatics and the role nurses play in the management of information within the health care setting. Foundational knowledge that supports clinical practice, education, research, and administration will be studied as well as core models and theories of nursing informatics. Students will develop an awareness of the importance of nursing involvement in the design, implementation, and use of information systems and other technologies. Coreq: NUMN 401.

NUMN 405. Pathophysiology for the Advanced Generalist Nurse. 3 Units.
This course in clinical pathophysiology examines the biological basis and pathophysiological outcomes of selected disease processes that alter human physiologic and cognitive function. Students will relate the pathogenesis of selected disease conditions and pathologic states to their risk factors, symptomatology, and prevention. Prereq or Coreq: NUMN 401.

NUMN 406. Nursing Care of Older Adults in Health and Illness. 2.5 Units.
This course will explore the concept of aging in health and illness with an emphasis on the older adult as an individual with the capacity to grow and develop. Theories of aging, geriatric syndromes, and the multiple interacting determinants influencing the health of older adults will be examined. Students will design and implement theory and evidence-based, safe, patient-centered nursing interventions tailored to the unique needs of older adults. Prereq or Coreq: NUMN 401 and NUMN 410.

NUMN 407. Acute Care Nursing of the Adult. 8.5 Units.
The focus of this course is the integration of the nursing process in clinical practice. Human responses to significant health events and alterations are analyzed. Application of relevant physiology, psychosocial dimensions, and pharmacology are included. Particular emphasis is placed on nursing strategies, interventions, and the evaluation of their effectiveness in the care of the acutely ill adult. Prereq: NUMN 401 and NUMN 410.

NUMN 408. Advanced Generalist: Health Policy, Advocacy, and Economics. 1.5 Unit.
This course is designed to address professional role development of the advanced generalist nurse. In this course, students will examine economics, health policy, and advocacy and the role of the advanced generalist nurse as political activist and policy advocate within the U.S. health care delivery systems of care. Policies that influence health care economics, safety, and quality will be investigated. Prereq: NUMN 414.

NUMN 410. Health Assessment for the Advanced Generalist Nurse. 2.5 Units.
This course uses a comprehensive, system-by-system, patient-centered approach to provide students with assessment and interviewing skills required for practice as an advanced generalist nurse. Students will apply critical thinking to make decisions regarding utilization of assessment findings including communication of the findings to the patient. Coreq: NUMN 401.

NUMN 411. Introduction to Public Health Nursing. 3 Units.
This course introduces the student to the principles and practice of public health nursing. An ecological perspective of the determinants of health will be used to examine the influence of society and communities on the health of individuals and groups. Culturally-relevant, asset-based strategies will be used to plan and implement public health nursing interventions. Coreq: NUMN 401.

NUMN 413. Issues and Ethics in Health Care. 2 Units.
This course introduces students to the principles underlying ethical issues and methods of rational decision making. Fundamental theories will be reviewed and applied through case analyses to address ethical dilemmas common to modern health care.

NUMN 414. Concepts in Nursing Management. 2.5 Units.
This course focuses on the study of basic concepts related to management in nursing and working with multidisciplinary teams in the provision and coordination of care. Concepts of nursing management including; planning, organizing, staffing, delegating, and budgeting within healthcare settings will be discussed. Coreq: NUMN 407.

NUMN 415. Parents and Neonates in Health and Illness. 4.25 Units.
This course introduces biological, psychosocial, and developmental concepts applicable to the nursing care of women, newborns, and families during the childbearing cycle. Emphasis is placed on assessment and identification of health needs as parents and neonates respond to the changes inherent in the childbearing cycle. Strategies related to nursing care of parents and neonates are discussed. The clinical experience focuses on the direct application of these concepts and strategies in the care of patients in various perinatal settings. Prereq: NUMN 407. Coreq: NUMN 414.

NUMN 416. Children and Families in Health and Illness. 4.25 Units.
This course is the study of children from infancy through adolescence and their health status from a developmental perspective. Emphasis is on healthy children as well as those with common acute and chronic illness within the context of their family environment. Nursing strategies focus on interventions to promote, restore, and maintain health and foster growth and development. These strategies are based on understanding advanced concepts of children’s and families’ responses in health and illness. Prereq: NUMN 407. Coreq: NUMN 414.
NUMN 417. Psychiatric Mental Health Nursing. 4 Units.
This course is designed to address psychiatric nursing concepts related to mental illness and addiction. The focus is on achieving optimal health for clients with acute and chronic psychiatric disorders using interpersonal techniques and applying the nursing process. Nursing strategies that are appropriate for assessment and intervention with individuals, families, and groups to facilitate optimal mental health and recovery will be discussed and evaluated. Prereq: NUMN 407

NUMN 418. Intro to Critical Care Nursing. 7 Units.
The focus of this course is on integrating the knowledge and skills required to safely and effectively provide quality patient care in the critical care setting. Emphasis is placed on implementation of the nursing process and standards of practice required to care for critically ill patients and their families. The didactic component includes topics on current practice and trends in critical care nursing. The clinical component provides students with opportunities to implement the roles and functions of the advanced generalist nurse. Prereq or Coreq: NURS 502.

NUMN 419. Advanced Generalist Leadership Practicum. 2 Units.
This course is part of the concentration in leadership for safe quality healthcare. It provides students with clinical practice opportunities to synthesize knowledge, skills, and attitudes, and implement the roles of the advanced generalist nurse as leader for evidence-based quality healthcare for populations across the continuum of care. Coreq: NURS 451, NURS 502, and NUMN 409.