

# Nursing (NURS)

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## **NURS 7100. Advanced Pathophysiology. 3 Hours.**

Prerequisites: Graduate admission status. Advanced principles of human physiology and pathogenesis. This course builds on basic knowledge of pathophysiology. The focus is on etiology, pathogenesis and clinical manifestations of disease processes commonly encountered in advanced nursing practice.

## **NURS 7101. Role Transition: Issues in Advanced Nursing Practice. 2 Hours.**

An introduction to the history, competencies, and professional roles of the advanced practice nurse. Students will explore, analyze, apply, and evaluate attributes influencing advanced nursing practice and healthcare.

## **NURS 7110. Philosophical and Theoretical Foundations for Advanced Nursing Practice. 2 Hours.**

Examination of philosophies and theories that frame advanced nursing practice. The evolution of nursing knowledge and roles in advanced nursing practice are explored with an emphasis on analysis and application of nursing models and related theories using critical thinking and clinical reasoning strategies.

## **NURS 7150. Nursing and Health Care Information Systems. 2 Hours.**

Prerequisite: Graduate standing. Analysis on current and emerging nursing and health care information systems for evidence-based practice, documentation, and evaluation of client care outcomes. Emphasis is on use of information and communication technologies to assess, document, and evaluate client outcomes and enhance accessibility of care.

## **NURS 7160. Health Care Delivery Systems, Economics, and Policy. 2 Hours.**

A foundation for participation in health policy and understanding the economic impact of health planning. Content focuses on organization of health care delivery systems, health care financing and economics implications, and the role of the provider in policy making. Emphasis is on analysis of health policy; integration of clinical management processes; and use of personal, personnel, and material resources in clinical systems.

## **NURS 7200. Advanced Health Assessment. 3 Hours.**

Prerequisites: NURS 7100. Corequisite: NURS 7200L. Expands the knowledge of physical assessment principles specific to the role of the APN. The student will develop assessment proficiency related to history and physical examination of clients through the lifespan, including psychiatric-mental health and related supportive assessments. Students will analyze, implement and evaluate principles in the clinical setting.

## **NURS 7200L. Advanced Health Assessment Practicum. 2 Hours.**

Prerequisite: NURS 7100. Corequisite: NURS 7200. Focus will be on common deviations from normal. Populations across the lifespan will be included.

## **NURS 7220. Advanced Evidence-Based Practice. 3 Hours.**

Prerequisites: NURS 7110. Evaluation and use of nursing and health care research and other scholarly inquiry in advanced nursing practice. This course focuses on strategies and skills in retrieving, evaluating, and using evidence to plan quality health care, initiate change in health care systems and processes, and improve health care outcomes.

## **NURS 7230. Advanced Pharmacology. 3 Hours.**

Prerequisite: NURS 7100. The pharmacokinetic processes and drugs used in advanced nursing practice. Emphasis is on pharmacologic management of patients in independent and collaborative primary care practice, including professional and statutory issues related to prescribing.

## **NURS 7250. Theoretical Foundations for Advanced Practice Psychiatric Mental Health Nursing Practice. 3 Hours.**

Prerequisite: Admission to MSN program or permission of the instructor. Introduction to theories, concepts, models, and ethics relevant to the Advanced Psychiatric/Mental Health Nurse. Emphasis is placed on neurobiological, developmental, and psychodynamic theories of mental illness in the care of persons or populations with or at risk for mental illness.

## **NURS 7251. Advanced Psychopharmacology. 2 Hours.**

Prerequisite: NURS 7230 or permission of the instructor. Principles of Psychopharmacology required for the prescription and management of medications by advanced practice psychiatric nurses for the treatment of psychiatric disorders across the lifespan.

## **NURS 7251L. Advanced Psychopharmacology Practicum. 1 Hour.**

Pre or Corequisite; NURS 7351 or permission of instructor. Application of psychopharmacology to the prescription of and management of medications for the treatment of psychiatric disorders across the lifespan.

## **NURS 7252. Psychiatric Mental Health Assessment Across the Lifespan. 4 Hours.**

Prerequisite: NURS 7200L or permission of the instructor. Analysis of theories and current trends in primary, secondary, and tertiary prevention of psychiatric disorders and promotion of mental health within a social systems framework. Focus is on application of family systems theory and group dynamics to advanced practice psychiatric mental health nursing.

## **NURS 7328. Advanced Practice Nursing: Women's Health. 3 Hours.**

Prerequisites: NURS 7200, 7200L, 7220, and 7230. Holistic and comprehensive care of multicultural childbearing and post childbearing women with reproductive, gynecologic, and general non-reproductive needs/problems using diagnostic and therapeutic skills for health promotion/disease prevention, and management. Students will integrate pathophysiology, advanced health assessment, and diagnoses to design and implement evidence-based plans of care.

**NURS 7328L. Advanced Practice Nursing: Women's Health Practicum. 2 Hours.**

Prerequisites: NURS 7200, 7200L, 7220, 7230; Pre or Co-requisites: NURS 7328. Clinical primary practice and management of acute and chronic illnesses in childbearing and post childbearing women with reproductive, gynecologic, and general non-reproductive needs/problems.

**NURS 7329. Advanced Practice Nursing: Pediatrics. 3 Hours.**

Prerequisites: NURS 7200, 7200L, 7220, and 7230. Holistic and comprehensive care of multicultural neonates, infants, children and adolescents using diagnostic and therapeutic skills for health promotion/disease prevention and management. Students will integrate pathophysiology; advanced health assessment, and diagnoses to design and implement evidence-based plans of care.

**NURS 7329L. Advanced Practice Nursing: Pediatrics Practicum. 2 Hours.**

Prerequisites: NURS 7200, 7200L, 7220, 7230; Pre or Co-requisites: NURS 7329. Clinical practice in primary care with neonates, infants, children and adolescents with acute and chronic health problems.

**NURS 7330. Advanced Practice Nursing: Adult Health I. 3 Hours.**

Prerequisites: NURS 7200, 7200L, and 7230. Co-requisite: NURS 7220. Holistic and comprehensive care of multicultural adolescents, adults, and older adult using diagnostic and therapeutic skills in disease management. Students will identify pathophysiology, discriminate among evidence-based diagnoses, and treatments and implement plans of care.

**NURS 7330L. Advanced Practice Nursing: Adult Health I: Practicum. 3 Hours.**

Prerequisites: NURS 7200, 7200L, and 7230. Co-requisite: NURS 7220 and 7330. Clinical practice in primary care with adolescents, adults and older adults with acute and chronic health problems.

**NURS 7348. Advanced Psychiatric Mental Health Nursing for Individuals Across the Lifespan. 3 Hours.**

Prerequisite: NURS 7250. Advanced nursing management of individuals with acute and chronic mental health problems. Therapeutic foundations for short-term intervention with adults experiencing time-limited crises and who have no long-term mental health problems, and adults with persistent conditions that are stabilized, but confronting short-term stressors and for those needing long-term therapeutic case management.

**NURS 7348L. Advanced Psychiatric Mental Health Nursing for Individuals Across the Lifespan Practicum. 3 Hours.**

Pre- or Corequisite: NURS 7348: Diagnosis and management of individuals with psychiatric disorders and mental health problems. This course focuses on development of skills in clinical decision making, comprehensive and focused assessment, interpretation of data, establishment of therapeutic relationship with individuals, and interprofessional collaboration.

**NURS 7350. Advanced Practice Nursing: Adult Health II. 3 Hours.**

Prerequisites: NURS 7200, 7200L, and 7230. Co-requisites: NURS 7220. Holistic and comprehensive care of multicultural adolescents, adults, and geriatric populations using diagnostic and therapeutic skills for health promotion/disease prevention and management. Students will integrate pathophysiology, advanced health assessment, and diagnoses to design and implement evidence-based plans of care.

**NURS 7350L. Advanced Practice Nursing: Adult Health II Practicum. 3 Hours.**

Prerequisites: NURS 7200, 7200L, and 7230. Co-requisites: NURS 7220 and 7350. Clinical practice in primary care with adolescents, adult, and older adults with acute and chronic health problems.

**NURS 7352. Advanced Psychiatric Mental Health Nursing for Families and Groups Across the Lifespan. 3 Hours.**

Prerequisite: NURS 7252. Advanced nursing management of groups and families across the lifespan. Focus is on family systems, group process and strategies for psychotherapy applied to the advanced practice nursing role.

**NURS 7352L. Advanced Psychiatric Mental Health Nursing for Families and Groups Across the Lifespan Practicum. 3 Hours.**

Pre or Co-requisite: NURS 7352. Diagnosis and management of groups and families with psychiatric disorders and mental health problems across the lifespan. Focus is on family systems, group process, and implementation of counseling and psychotherapy applied to the advanced practice nursing role.

**NURS 7590. Advanced Practice Nursing: Capstone. 6 Hours.**

Prerequisites for FNP: NURS 7100, 7101, 7110, 7150, 7200, 7200L, 7220, 7230, 7328, 7328L, 7329, 7329L, 7330, 7330L, 7350, 7350L. Prerequisites for FPMHNP: NURS 7100, 7101, 7150, 7200, 7200L, 7220, 7230, 7250, 7251, 7251L 7252, 7329, 7330, 7348, 7348L, 7350, 7352, 7352L. Pre or Co-requisite: NURS 7160. Synthesis of evidenced-based knowledge and clinical skills. Emphasis is on health promotion, disease prevention, and clinical practice in primary care and behavioral health across the lifespan.

**NURS 8310. Epidemiology and Biostatistics. 3 Hours.**

Admission to the DNP program. Application, analysis, and interpretation of distribution, risk, and prevention of disease in populations. Principles and methods of epidemiologic investigation including patterns of illness in populations and research designs for investigating the etiology of disease are explored. Bio-statistical measures are utilized to determine risk, incidence, and prevalence of populations.

**NURS 8311. Population Health. 3 Hours.**

Admission to the DNP Program. The implementation and analysis of population-based disease prevention and health promotion strategies to achieve national and international goals for improving aggregate, community, environmental, occupational, and cultural/socioeconomics dimensions of health. The course focuses on issues affecting health, including communicable and non-communicable disease, emergency preparedness, and the impact of disparity and social determinants on health.

**NURS 8312. Health Care Informatics. 3 Hours.**

Admission to the DNP program. Analysis and synthesis of information science concepts, principles, and methods to generate knowledge for best practice. The course focuses on application of research; management of individual and aggregate data; assessment of efficacy of decision support, productivity, and web-based learning tools; and evaluation of integrated communication systems.

**NURS 8313. Leadership and Ethics. 4 Hours.**

Admission to the DNP program. Emphasis is on the ethical principles and responsibilities used in interprofessional practice healthcare decisions. Application of ethically sound solutions to complex issues related to individuals, populations, and systems care will be studied.

**NURS 8314. Translating Research into Practice. 3 Hours.**

Admission to the DNP program. The synthesis and integration of knowledge related to translation of research into practice, evaluation of practice, and design of activities aimed at improving health care practices and outcomes, and participation in collaborative outcome-driven research.

**NURS 8315. Process Improvement and Evaluation. 3 Hours.**

Admission to the DNP program. An examination of the concepts of quality improvement and its role in the quality and safety of health care systems and patient outcomes. Exploration of the methods, models, and tools used to evaluate practice variation and minimize risk of harm to lead change across complex organizational systems.

**NURS 8316. DNP Project Seminar. 3 Hours.**

Prerequisite: Admission to the DNP Program, NURS 8314; NURS 8311. Graded "Satisfactory" or "Unsatisfactory". Development and design of an evidence-based project focusing on quality improvement aimed at practice and/or systems level change to enhance health outcomes for a population of interest. Completion of a minimum of 100 clinical hours is required.

**NURS 8317. Organizational Policy and Practice. 3 Hours.**

Prerequisite: Admission to the DNP program. Analysis of health care policy and advocacy for change to improve health care delivery at multiple organizational levels. The course focuses on evaluating the influence of political and economic conditions on health policy and the delivery of quality care.

**NURS 8318. DNP Project. 1-4 Hours.**

Prerequisite: Admission to the DNP Program: NURS 8316. Graded "Satisfactory" or "Unsatisfactory". Implementation, evaluation, and dissemination of previously proposed evidence-based practice interventions for quality improvement aimed at practice and/or systems level change to enhance health outcomes for a population of interest. Completion of 400 Clinical hours is required in this two semester course.

**NURS 8319. Systems Leadership. 3 Hours.**

Prerequisite: Admission to the eDNP program. The integration of management theories into the nursing process for the delivery of advanced practice nursing services in a variety of systems. Healthcare financial planning, budgeting, reimbursement, and decision-making strategies are applied to healthcare organizations. Theoretical models, analytical methods, and evaluation strategies are explored.

**NURS 8320. Practice Implementation and Sustainability for the Advanced Practice Nurse. 3 Hours.**

Prerequisite: NURS 8319. Implementation of management theories to support the advanced practice nurse entrepreneur. The course integrates the knowledge related to financial sustainment, and innovative strategies to serve at risk populations, facility securement, and grant funding proposals.