

# NURSING (NRSG)

## Courses

### **NRSG 217. Psychiatric Mental Health Nursing. 6 Units.**

Focuses on the care of adult patients experiencing cognitive, mental, and behavioral disorders. Integrates concepts of crisis intervention, therapeutic communication, anger management, and coping skills throughout the course. Provides the student through clinical experience an opportunity to apply theoretical concepts and implement safe patient care to patients in selected mental health settings. Prerequisite: NRSG 232, NRSG 233.

### **NRSG 224. Nursing Pathophysiology. 5 Units.**

Focuses on the altered processes of human physiology. Emphasizes exploration of changes of biological processes of the body and the effects of homeostasis. Studies alteration of health problems, along with the associated clinical manifestations and treatments. Builds foundations for understanding the rationale behind assessment, findings, and nursing intervention.

### **NRSG 230. Principles of Professionalism, Clinical Reasoning, and Self-Care. 3 Units.**

Teaches personal and professional accountability and principles of self-care that enhance the student's ability to cope with stressors and succeed in the academic setting, as well as in the nursing profession. Teaches students to think in a systematic and logical manner that equips them to make sound clinical nursing judgments.

### **NRSG 231. Foundations of Nursing. 3 Units.**

Provides an introduction to the profession of nursing and the roles of the nurse. Formation of the role of the professional nurse, including scope of practice and supporting guidelines. Explores current issues in health care and professional accountability of the nurse, including patient-centered care, safety; confidentiality; communication; and upholding regulatory, legal, and ethical principles. Applies nursing knowledge to an adult/aging individual in the community.

### **NRSG 232. Fundamentals of Nursing. 7 Units.**

Expands on the roles of the nurse, and profession-related and patient-care concepts. Emphasizes physical, psychological, developmental, spiritual, and cultural aspects of whole-person care. Introduces basic nursing skills, the nursing process, and the decision-making framework to assist in developing effective clinical judgment skills. Prerequisite: NRSG 224, NRSG 230, NRSG 231, NRSG 233.

### **NRSG 233. Health Assessment. 3 Units.**

Provides knowledge and skills to conduct whole-person health assessment of the adult patient. Emphasizes taking a basic health history, as well as performance of a complete physical examination—including physiological, psychological, sociocultural, and spiritual assessments. Skills laboratory experiences provide an opportunity to practice physical assessment skills. Corequisite: NRSG 231.

### **NRSG 244. Strategies for Academic Success. 1 Unit.**

Assesses student needs, learning styles, strengths, challenges/barriers in order to provide individualized approaches to learning strategies essential for success in nursing education and practice.

### **NRSG 299. Directed Study. 1-8 Units.**

Opportunity for clinical learning in a selected area of nursing. Prerequisite: Consent of instructor and the associate dean.

### **NRSG 301. Adult Health Nursing I. 6 Units.**

Focuses on the care of adult and older adult patients with health alterations that require medical and/or surgical intervention. Introduces the care of older adults while focusing on their unique physiological and psychological needs. Emphasizes the care of patients with alterations in selected body functions. Integrates concepts of patient-centered care, cultural sensitivity, informatics, safe practice, and professionalism throughout the course. Prerequisite: NRSG 224, NRSG 232, NRSG 233, NRSG 305.

### **NRSG 302. Adult Health Nursing II. 8 Units.**

Focuses on the care of adult patients with complex medical/surgical health problems. Emphasizes helping patients and their families cope with alterations in body functions. Integrates concepts of pharmacology, health promotion and education, evidence-based practice, and interdisciplinary collaboration throughout the course. Clinical experiences that provide the student an opportunity to apply theoretical concepts and skills to implement safe care to patients. Prerequisite: NRSG 301.

### **NRSG 303. Adult Health Nursing III. 7 Units.**

Focuses on advanced concepts of nursing care as they relate to patients with complex, multisystem alterations in health. Emphasizes implementing time management and organizational skills while managing the care of patients with multiple needs and collaborating with interdisciplinary team. Integrates complex clinical skills; as well as priority setting, clinical judgment, and tenets of legal and theoretical practice throughout the course. Prerequisite: NRSG 302.

### **NRSG 305. Nursing Pharmacology. 3 Units.**

Introduction to principles of pharmacology, including pharmacokinetics, pharmacodynamics, medication interactions, and potential adverse medication reactions. Emphasizes drug classifications and nursing care related to the safe administration of medication to patients across the life span. Prerequisite: NRSG 224.

### **NRSG 314. Obstetrical and Neonatal Nursing. 5 Units.**

Provides an integrative, family-centered approach to the care of mothers and neonates. Emphasizes normal and high-risk pregnancies, normal growth and development, family dynamics, and the promotion of healthy behaviors in patients. Includes clinical experiences that provide the student an opportunity to apply theoretical concepts and implement safe patient care to mothers and neonates in selected settings. Prerequisite: NRSG 301.

### **NRSG 315. Child Health Nursing. 6 Units.**

Provides an integrative, family-centered approach to the care of children from infancy through adolescence. Emphasizes normal growth and development, family dynamics, common pediatric disorders, and the promotion of healthy behaviors in patients. Includes clinical experiences that provide the student an opportunity to apply theoretical concepts and implement safe patient care to children in selected settings. Prerequisite: NRSG 302.

### **NRSG 316. Wellness and Health Promotion. 3 Units.**

Introduces concepts of health, wellness, healthy lifestyle behaviors, and health promotion. Examines factors that influence health and health behaviors and the dynamics of behavior change, with an emphasis on motivational theory; exemplary behaviors in nutrition, physical activity, stress management, and tobacco cessation related to health and wellness; and, wellness for the student and practicing nurse. Prerequisite: NRSG 224, NRSG 231.

**NRSG 324. Nursing Informatics and Evidence-Based Practice. 3 Units.**

Provides an overview of nursing informatics as it relates to the provision of safe, quality, patient-centered care. Emphasizes the establishment and provision of evidence-based practice. Stresses the use of information management systems in the collection, management, and communication of patient data; as well as the maintenance of patient privacy and confidentiality.

**NRSG 337. Strategies for Professional Transition. 4 Units.**

Student assesses and strengthens the application of skills in communication, research, professional responsibility, teaching-and-learning process, management, nursing process, and individual empowerment. Additional skills include nursing informatics, orientation to LLU campus/University setting, assessment and development of learning objectives, critical thinking, and portfolio development.

Prerequisite: Admission to RNBS program.

**NRSG 338. Essential Leadership Concepts for Nursing Licensure. 1 Unit.**

Management issues related to entry into nursing practice. For students who have a previous B.S./B.A. degree or LVN taking the 45 unit option and who wish to sit for boards at the end of the junior year. Course does not apply towards the bachelor's degree.

**NRSG 375. Introduction to Applied Biostatistics for Nursing. 3 Units.**

Introduces statistical methods of summarizing, analyzing, presenting, and interpreting health-related data. Includes normal and binomial distributions, probability, central limit theorem, and confidence intervals; hypothesis testing using t-tests, ANOVA, correlation, linear regression, and chi-square; and, introduction to multivariable analysis. Prerequisite: Competency in introductory-level mathematics.

**NRSG 375L. Computer Applications in Biostatistics. 1 Unit.**

Uses SPSS to apply appropriate statistical methods in the summary and analysis of health-related data, including descriptive; as well as hypothesis testing using t-tests, correlation, linear regression, chi-square, and ANOVA. Prerequisite or concurrent: NRSG 375.

**NRSG 399. Nursing Externship. 1 Unit.**

An elective work-study course that provides opportunity for experiential understanding of the nature of nursing in the work place. Focuses on application of the Neuman framework. The student, under the supervision of an RN preceptor, applies previously learned skill in providing direct patient care. Prerequisite: NRSG 408.

**NRSG 404. Introduction to Epidemiology for Nursing. 2 Units.**

Explores disease occurrence in human populations. Includes: observation and interpretation in clinical decision-making; promotion of optimal patient outcomes; assessment and measurement of disease occurrence; prevention of illness; infection control; and evaluation of research that impacts delivery of care on local, national, and global levels. Prerequisite or concurrent\*: NRSG 375.

**NRSG 405. Home Care Nursing. 3 Units.**

Provides a holistic approach to care of clients transitioning across the health-illness continuum and health-care settings. Focuses clinical experiences on chronic disease management in post-acute settings. Addresses physiological and psychological needs and common health alterations of older adults, including end of life. Introduces community resources that facilitate continuity of care, and promote safety and optimal wellness. Prerequisite or concurrent\*: NRSG 303, NRSG 314, NRSG 315\*, NRSG 316.

**NRSG 407. Complex Nursing Concepts of Health and Disease. 6 Units.**

Explores complex pathophysiological concepts across the life span, using a systems approach. Applies multifaceted alterations at the cell/system levels and functional changes to nursing practice. Uses etiology, pathogenesis, and clinical manifestations to investigate and understand common disease processes. Prerequisite: NRSG 337.

**NRSG 408. Critical Care Nursing. 8 Units.**

Focuses on advanced concepts of nursing care as they relate to critically ill patients. Emphasizes implementation of time management and organizational skills while managing the care of patients' multiple needs, and collaborating with the interdisciplinary team. Integrates complex clinical skills; as well as priority setting, clinical judgment, and tenets of legal and ethical practice throughout the course. Prerequisite: NRSG 303, NRSG 314, NRSG 315, NRSG 316.

**NRSG 414. Management and Leadership for the Registered Nurse. 5 Units.**

View of the health-care agency or nursing unit as the core system, with lines of defense and lines of resistance. The management process as the set of interventions aimed at maintaining or restoring a state of equilibrium and order within the organization. The role of the first-line manager observed and some aspects experienced. Prerequisite: NRSG 337; NRSG 407.

**NRSG 416. Public Health Nursing. 4 Units.**

Focuses on the optimal wellness of the community as client. Includes intervention strategies emphasizing primary, secondary, and tertiary prevention with micro- and macro-client systems; assessing factors influencing population health and the use of evidence-based practices in the delivery of spiritually and culturally appropriate interventions; and the role of the nurse as advocate for social justice. Prerequisite: NRSG 404, NRSG 405, NRSG 408 (standard BS) or NRSG 404, NRSG 425 (RN to BS).

**NRSG 416L. Public Health Nursing Clinical Laboratory. 4 Units.**

Clinical application focusing on the optimal wellness of the community as client. Intervention strategies emphasizing primary, secondary, and tertiary prevention with micro-/macro-client systems. Prerequisite or concurrent\*: NRSG 404, NRSG 416\*.

**NRSG 418. Capstone Nursing Practicum. 6 Units.**

Provides student the opportunity to function as a contributing member of the interprofessional team, and to collectively apply the knowledge and practice the skills acquired in previous courses. Gives students the opportunity to provide care to a caseload of patients that is safe, evidence-based, patient-centered, and focused on promoting positive patient outcomes. Emphasizes demonstration of professional behaviors. Prerequisite: NRSG 408.

**NRSG 419. Capstone Nursing Leadership. 6 Units.**

Facilitates transition to the role of a professional nurse in the health-care system. Emphasizes contemporary issues and management concepts; development of the skills of delegation, conflict management, and leadership; legal and ethical issues with a focus on personal accountability and responsibility; and, analysis of health-care policy, fiscal responsibility, and standards of practice according to regulatory requirements and institution policies. Prerequisite or concurrent: NRSG 408.

**NRSG 424. Professional RN Capstone. 7 Units.**

Focuses on professional nursing development to promote wellness of individuals, families, and groups under diverse circumstances in clinical practice. Enhances interprofessional decision-making while exploring ethical, professional, and clinical issues. Prerequisite: NRSG 337, NRSG 407.

**NRSG 425. Introduction to Epidemiology for Nurses. 3 Units.**

Explores epidemiological investigation methods, evaluates study designs, and analyzes utilization of EBP nursing impacting delivery of care. Includes in-depth exploration of interdisciplinary communication, collaboration, and development of nursing interventions impacting disease identification, control, and management. Focuses on assessment and measurement of disease occurrence, frequency and prevention of illness, IC practices, and evaluation of evidence-based research impacting nursing care. Prerequisite: NRSG 375 or equivalent.

**NRSG 428. Health Promotion for Nurses. 4 Units.**

Examines health promotion in relation to health models. Utilizes evidence-based practice to promote wellness and optimal health across the life span. Examines the role of lifestyle behaviors in health promotion and illness prevention. Applies strategies for health behavioral change to promote wellness. Prerequisite: NRSG 337.

**NRSG 429. Nursing Research. 3 Units.**

Promotes clinical decision making, based on evidence, through the exploration and integration of current scientific evidence, use of clinical reasoning, identification of patient preferences, and assessment of available resources. Provides the knowledge and understanding of qualitative and quantitative systems of inquiry. Focuses on analysis and synthesis of evidence to answer a clinical question relevant to nursing practice and patient-centered care. Prerequisite: NRSG 324.

**NRSG 434. Public Health Nursing Laboratory for the Working RN. 3 Units.**

The clinical application of public health with a focus on vulnerable populations. Intervention/strategies involve health promotion and disease prevention in the community. Clinical experiences include independent work in a variety of community workplace settings. Designed for the RN to B.S. student who is not seeking state certification as a public health nurse. Prerequisite or concurrent\*: NRSG 337, NRSG 416\*.

**NRSG 497. Advanced Clinical Experience. 3-12 Units.**

An elective course open to students seeking clinical experience in nursing.

**NRSG 499. Directed Study. 1-8 Units.**

Opportunity for clinical experience in a selected area of nursing. Prerequisite: Consent of instructor and the associate dean.