NURSING (NR)

NR 2100 Foundations of Professional Nursing (3 Credits)
Designed to provide an overview of the roles and responsibilities of the professional nurse within healthcare and professional organizations. Emphasizes legal, ethical, and organizational factors influencing quality nursing along with trends in nursing, policy issues, and the nature and delivery of basic nursing care. Falls.
Prerequisite(s): BI 2110, BI 2120, BI 2130, BI 2140, PS 2010, MA 2300; minimum grade of B- in all prerequisite courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 2300.

NR 2300 Biochemistry for Nurses (3 Credits)
Covers basic principles of biochemical processes, to understand biological system functioning from a nursing perspective. Defines basic chemistry concepts. Introduces basic cell biology. Explores properties of lipids, carbohydrates, and proteins as they related to nutrition and cellular function. Introduces and applies Mendelian genetics to explore patterns of inheritance. Falls.
Prerequisite(s): BI 2110, BI 2120, BI 2130, BI 2140, PS 2010, MA 2300; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 2300.

NR 2500 Health Assessment (2 Credits)
Provides students with the knowledge and skill necessary to perform a comprehensive health assessment. Emphasizes history taking, physical examination techniques, and the interpretation of data collected from patients of all ages. Uses a physical, psychosocial, cultural, and spiritual approach to assess the patient and provide the basis for the patient plan of care. Springs.
Prerequisite(s): NR 2100, NR 2300; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 2700.

NR 2700 Pathophysiology (3 Credits)
Focuses on the pathophysiological processes of disease, including etiology, signs and symptoms, and clinical assessment. Identifies factors that influence pathology, including developmental, lifestyle, and cultural issues. Addresses clinical assessment of pathophysiological syndromes, analysis of related clinical laboratory information, implementation of nursing interventions, and identification of desire clinical outcomes. Springs.
Prerequisite(s): NR 2100, NR 2300; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 2700.

NR 3010 Introduction to Professional Nursing (2 Credits)
Provides an overview of baccalaureate nursing practice and is the precursor course in the baccalaureate nursing curriculum. Explicates the values and philosophy of the Department of Nursing; helps students develop an understanding of issues confronting professional nurses. Emphasizes history, trends, policy issues, and the inter-relatedness of these factors with socio-cultural forces affecting the quality, nature, and delivery of basic nursing care. Winterim.
Prerequisite(s): BI 2110, BI 2120, BI 2130, BI 2140, BI 2340, BI 2360, MA 2300, PS 2010, PS 2050, and (BI 3020 or CH 3020 or HE 3220); minimum grade of B- in all prerequisite courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.

NR 3020 Introduction to Patient-Centered Care (3 Credits)
Introduces nursing students to the theoretical framework encompassing the knowledge, attitudes, and skills required to practice as a nurse in the future. Students learn to provide individualized care that recognizes patient's preferences, values, and needs, and respects the patient or designee as a full partner in providing compassionate, coordinated, appropriate, safe, and effective care. Springs. (DICO)
Prerequisite(s): BI 2340, NR 2500, NR 2700, PS 2050; minimum grade of B- in all prerequisite courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.
Corequisite(s): NR 3025, NR 3052, NR 3070.

NR 3025 Pharmacology (3 Credits)
Focuses on the principles of disease management and treatment using pharmacological therapy. Studies principles of pharmacodynamics and pharmacokinetics. Students gain an understanding of medications from a therapeutic and pharmacologic drug class perspective, using drug prototypes as models for drug class concepts. Addresses associated clinical assessment, evaluation, and decision-making skills. Falls.
Prerequisite(s): BI 2340, NR 2500, NR 2700, PS 2050; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3020, NR 3052, NR 3070.

NR 3035 Nursing Care of Children (2 Credits)
Provides knowledge for nursing care of children in a variety of settings with a philosophy that respects children as individuals and views them as part of families and communities. Focuses on wellness, the experiences of children throughout their development from infancy through adolescence, and the unique needs of children's adaptations to illness. Explores the nurse-client relationship to prioritize nursing interventions for optimal child and family health. Springs.
Prerequisite(s): NR 3020, NR 3025, NR 3052, NR 3070; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3054, NR 3057, NR 3065, NR 4020.

NR 3040 Professional Issues (3 Credits)
Introduces students to concepts of career development in Nursing and the need for a long-term plan for career development. Focuses on roles and responsibilities within health care and professional organizations as they relate to nursing practice. Examines current and future issues related to providing quality nursing care. Springs.
Prerequisite(s): NR 3010; minimum grade of B- in all prerequisite courses and NR 3010; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.

NR 3052 Clinical Applications of Patient-Centered Care (4 Credits)
Introduces clinical skills as a foundation of nursing practice. Focuses on clinical and technical skills basic to the practice of nursing across the lifespan. Introduces students to the holistic care of clients, beginning clinical decision-making, and foundational therapeutic nursing interventions requiring the use of various medical technologies. Correct use of technology is required to provide safe and effective care. Includes nursing process, documentation utilizing a computerized medical record, therapeutic communication skills, aseptic technique, and medication administration as well as other fundamental nursing and technical skills. Pass/No Pass. Springs.
Prerequisite(s): NR 2500, NR 2700; minimum grade of B- in all prerequisite courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.
Corequisite(s): NR 3020, NR 3025, NR 3070.
NR 3054 Clinical Applications of Pediatric Wellness and Illness (2 Credits)
Provides an opportunity to apply knowledge of nursing care of children in a variety of settings with a philosophy that respects children as individuals and views them as part of families and communities. Explores the nurse-client relationship to assess children and prioritize nursing interventions for optimal child and family health promotion, disease prevention, and illness recovery. Pass/No Pass. Springs. Prerequisite(s): NR 3020, NR 3025, NR 3052, NR 3070; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3035, NR 3057, NR 3065, NR 4020.

NR 3057 Clinical Applications of Community Based Care (2 Credits)
Students apply nursing knowledge and skills in a variety of community health settings, and function as a member of a community care team to promote positive client outcomes. To enhance clinical experiences, students participate in partnerships with regional agencies in an effort to achieve transdisciplinary care. Focuses on population-based health promotion and disease prevention for clients of various ages. Pass/No Pass. Springs. Prerequisite(s): NR 3020, NR 3025, NR 3052, NR 3070; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3035, NR 3054, NR 3065, NR 4020.

NR 3059 Clinical Evidence-Based Practice in Psychiatric Mental Health Nursing (2 Credits)
Provides clinical experience in applying evidence and skills to care for clients with emotional, developmental, behavioral, and psychiatric needs. Clinical practice promotes critical thinking and disciplined decision-making, facilitating positive patient care outcomes. Focuses on patient safety through therapeutic communication and collaboration. Pass/No Pass. Summers. Prerequisite(s): NR 3035, NR 3054, NR 3057, NR 3065, NR 4020; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3035, NR 3054, NR 3065, NR 4020.

NR 3065 Leadership, Collaboration, and Quality in Healthcare Systems (4 Credits)
Promotes integration of patient-centered care and evidence-based practice preparing students to function effectively within nursing interdisciplinary teams. Emphasizes fostering optimal team functioning. Discusses principles of nursing leadership in relation to patient information management, patient safety, quality and systems-based practice. Students gain an understanding of principles of enhance the overall quality of nursing practice and administration. Springs. (TECO) Prerequisite(s): NR 3020, NR 3025, NR 3052, NR 3070; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3035, NR 3054, NR 3057, NR 4020.

NR 3070 Health and Wellness of Older Adults (3 Credits)
Focuses on the needs of older adults with consideration given to developmental factors and cultural variables employed in patient choices for wellness, treatment or palliative care. Incorporates wellness initiatives, prioritizing care needs, family and patient teaching, and planning for end-of-life care. Summers. (WECO) Prerequisite(s): BI 2340, NR 2500, NR 2700, PS 2050; minimum grade of B- in all prerequisite courses and NR courses; PASS in all NR clinical courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.
Corequisite(s): NR 3020, NR 3025, NR 3052.

NR 3085 NCLEX-RN Success I (2 Credits)
Part one of a two-part series that focuses on review of the most current nursing content covered in the NCLEX-RN Detailed Test Plan. Students self-assess test preparation strengths and weaknesses, explore test-taking strategies, and review topic content designed to achieve success on the licensing exam. Summers. Prerequisite(s): NR 3035, NR 3054, NR 3057, NR 3065, NR 4020; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3092, NR 3059.

NR 3092 Evidence-Based Practice in Psychiatric Mental Health Nursing (3 Credits)
Develops the knowledge necessary to explain the theoretical frameworks for understanding and addressing mental health, mental health disorders, and alterations in psychological functioning. Summers. Prerequisite(s): NR 3020, NR 3040, NR 3052; minimum grade of B- in all prerequisite courses and NR courses; PASS in all NR clinical courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.

NR 3094 Evidence-Based Practice in Medical Surgical Nursing (3 Credits)
Develops the knowledge necessary to identify, apply, and evaluate the best current evidence to develop clinical expertise, as well as consider adults’ and families’ preferences, experience, and values to make practice decisions. Summers. Prerequisite(s): NR 3020, NR 3040, NR 3052; minimum grade of B- in all prerequisite courses and NR courses; PASS in all NR clinical courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.

NR 4015 Maternal and Newborn Care (2 Credits)
Provides a knowledge base necessary for nursing care of childbearing women and newborns. A holistic perspective of health serves as the foundation for guiding student development of clinical reasoning and interventions to meet the needs of women, newborns, and families throughout the childbearing cycle. The nurse-client relationship is the focus of a caring approach that embraces the emotional, spiritual, and physical needs of clients. Falls. Prerequisite(s): NR 3085, NR 3092, NR 3059; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only.
Corequisite(s): NR 3094, NR 4055, NR 4057.

NR 4020 Global Health and Population-Based Health Care (3 Credits)
Prepares the nurse for the practice of population-based care with patients of diverse backgrounds. Examines the historic, contemporary, and futuristic perspectives of the development of community and public health nursing as well as its principles and theories building on the social sciences and epidemiology (population-based factors associated with health and illness). Falls. (GACO) Prerequisite(s): NR 3020, NR 3025, NR 3052, NR 3070; minimum grade of B- in all prerequisite courses and NR courses; PASS in all NR clinical courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only.
Corequisite(s): NR 3035, NR 3054, NR 3057, NR 3065.

NR 4050 Nursing Leadership for Acute Care Nursing (3 Credits)
Explores the role of the nurse as leader in providing care for patients with complex health care needs. Focuses on the critical analysis of patient care needs in assessing, implementing, and evaluating nursing care of patients with acute or complex alterations in well-being. Springs. (INCO) Prerequisite(s): NR 3094, NR 4015, NR 4055, NR 4057; minimum grade of B- in all prerequisite courses and NR courses; PASS in all NR clinical courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing majors only; Junior status.
NR 4055 Clinical Applications of Evidence-Based Practice in Medical-Surgical Nursing (2 Credits)
Provides clinical experience in applying evidence and skills to care for clients with a variety of acute and chronic health conditions. Clinical practice promotes critical thinking and disciplined decision-making, facilitating positive patient care outcomes. Focus is patient safety through the application of the nursing process using therapeutic communication and interdisciplinary collaboration. Pass/No Pass. Falls. Prerequisite(s): NR 3085, NR 3092, NR 3059; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only. Corequisite(s): NR 3094, NR 4015, NR 4057.

NR 4057 Clinical Application of Maternal and Newborn Care (2 Credits)
Students apply nursing knowledge and skills for care of child-bearing women and newborns, and function as a member of a healthcare team to ensure positive outcomes in a variety of clinical sites. Care focuses on application of the nursing process antepartum, intra-partum, and postpartum clients. Pass/No Pass. Falls. Prerequisite(s): NR 3059, NR 3085, NR 3092; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only. Corequisite(s): NR 3094, NR 4055, NR 4015.

NR 4060 Research Process and Evidence-Based Practice (3 Credits)
Explores the principles and methods of research and emphasizes the application of research in nursing as a product and process. Prepares students to critically read research articles and relate the value of that research to nursing practice and client outcomes. Students develop a research problem and conduct a literature review. Emphasizes the importance of utilizing research and communicating research problems results in a research team and to utilize nursing research in their practice. Springs. (QRCO)(WRCO) Prerequisite(s): (NR 3094, NR 4015, NR 4055, NR 4057) or (current unencumbered Registered Nurse license); minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only. Corequisite(s): NR 4050, NR 4073, NR 4082.

NR 4073 NCLEX-RN Success II (1 Credit)
A continuation of NCLEX-RN Success I. Focuses on review of the most current nursing content covered in the NCLEX-RN Detailed Test Plan. Students continue to self-assess test preparation strengths and weaknesses, review topic content designed to achieve success on the licensing exam. Focuses on transitioning from nursing education to practice. Springs. Prerequisite(s): NR 3094, NR 4055, NR 4015, NR 4057; minimum grade of B- in all prerequisite courses and NR courses; minimum 2.67 cumulative GPA; Nursing majors only. Corequisite(s): NR 4050, NR 4060, NR 4082.

NR 4082 Leadership and Quality Improvement in Clinical Settings (6 Credits)
This clinical capstone course provides experience as a nursing leader to direct the provision of quality healthcare by interdisciplinary teams. These clinical experiences promote decision-making skills, managerial skills within healthcare organizations, implementation of quality control methods, and the application of research in nursing practice. Integration and application of knowledge from multiple disciplines (e.g., biology, psychology, sociology, technology) are required for effective patient care. Focuses on transition to the professional nursing role, recognizing the organizational, social, political, economic, ethical, and legal context in which interdisciplinary healthcare is delivered in acute and/or community clinical settings. Contracts are completed with preceptors as mentors. Pass/No Pass. Additional course fee required. Springs. Prerequisite(s): NR 3094, NR 4015, NR 4055, NR 4057; minimum grade of B- in all prerequisite courses and NR courses; PASS in all NR clinical courses; minimum 2.67 cumulative GPA; Pre-Licensure Nursing Majors only. Corequisite(s): NR 4050, NR 4060, NR 4073.

NR 4111 The Language and Culture of Health Care (2 Credits)
This course is designed to introduce the student to the language and basic infrastructure of the health care system. Students will learn common medical terminology to foster understanding and enrich conversations with health care professionals. The student will also come to know the health care hierarchy, including the individual roles of the health care team. The course will also address basic health care ethics, aseptic techniques and patient privacy laws. Falls and Springs.