

NURSING-GRADUATE (NGR)

NGR 5431L - Clinical Practicum I (1 Credits)

Provides clinical and simulated learning experiences in the delivery of anesthesia services to patients with increasingly complex conditions and for increasingly complex surgical and medically related procedures. Students develop practicum skills along a novice-proficient continuum.

Prerequisite(s): NGR 6420 or NGR 6420C

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 5432L - Clinical Practicum II (4 Credits)

Provides clinical and simulated learning experiences in the delivery of anesthesia services to patients with increasingly complex conditions and for increasingly complex surgical and medically related procedures. Students develop practicum skills along a novice-proficient continuum.

Prerequisite(s): NGR 5431L

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 5433L - Clinical Practicum III (6 Credits)

Provides clinical and simulated learning experiences in the delivery of anesthesia services to patients with increasingly complex conditions and for increasingly complex surgical and medically related procedures. Students develop practicum skills along a novice-proficient continuum.

Prerequisite(s): NGR 5432L

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 5434L - Clinical Practicum IV (6 Credits)

Provides clinical and simulated learning experiences in the delivery of anesthesia services to patients with increasingly complex conditions and for increasingly complex surgical and medically related procedures. Students develop practicum skills along a novice-proficient continuum.

Prerequisite(s): NGR 5433L

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 5435L - Clinical Practicum V (6 Credits)

Provides clinical and simulated learning experiences in the delivery of anesthesia services to patients with increasingly complex conditions and for increasingly complex surgical and medically related procedures. Students develop practicum skills along a novice-proficient continuum.

Prerequisite(s): NGR 5434L

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 5436L - Clinical Practicum VI (6 Credits)

Integrates scholarship and leadership in the delivery of anesthesia services to patients with increasingly complex conditions and for increasingly complex surgical and medically related procedures. Students develop practicum skills along a novice-proficient continuum.

Prerequisite(s): NGR 5435L

Attribute(s): WBLI - Work based learning indicator

NGR 5437L - Clinical Practicum VII (6 Credits)

Integrates scholarship and leadership in the delivery of anesthesia services to patients with increasingly complex conditions and for increasingly complex surgical and medically related procedures. Students develop practicum skills along a novice-proficient continuum.

Prerequisite(s): NGR 5436L

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 6002 - Advanced Health Assessment (3 Credits)

Collection and synthesis of client database and differential diagnosis of common client problems. Using critical thinking and a holistic lifespan approach, students interpret, analyze, and document alterations in health to serve as a basis for client management.

Corequisite(s): NGR 6002L

Attribute(s): SUSC - Sustainability Component

NGR 6002L - Adv Health Assessment Practice (1 Credits)

Emphasis is placed skills needed to assess health status of individuals across the lifespan. Students interpret, analyze, and document alterations in health to serve as a basis for client management.

Corequisite(s): NGR 6002

Attribute(s): SUSC - Sustainability Component

NGR 6140 - Adv Physio/Pathophysiology I (4 Credits)

In-depth exploration of advanced human anatomy, physiology, and pathophysiology across the lifespan. Explores the renal, neurologic, musculoskeletal, cardiovascular, lymphatic, and respiratory systems at the biochemical, cellular, tissue, and systems levels.

Corequisite(s): NGR 6400

NGR 6141 - Advanced Pathophysiology (4 Credits)

Emphasis is placed on investigation, analysis, and interpretation of pathophysiologic bases of clinical manifestations of selected alterations in health. Focus is on advanced practice nursing implications for health promotion, maintenance, and restoration.

NGR 6143 - Adv. Anat, Physio. & Path IV (1 Credits)

Continued study of advanced pathophysiology with emphasis on the body's homeostasis mechanisms and their aberrant function.

Prerequisite(s): NGR 6149

NGR 6144 - Adv Physio/Pathophysiology II (4 Credits)

In-depth exploration of advanced human anatomy, physiology, and pathophysiology across the lifespan. Explores the endocrine, gastrointestinal, hepatic, hematologic, integumentary, and immune systems at the biochemical, cellular, tissue, and systems levels.

Prerequisite(s): NGR 6140

NGR 6149 - Adv. Anat, Physio. & Path III (1 Credits)

Study of advanced pathophysiology with emphasis on the body's homeostasis mechanisms and their aberrant function.

Prerequisite(s): NGR 6145

NGR 6165 - Adv. Anatomy and Physiology II (2 Credits)

Continuation of Advanced Anatomy and Physiology I with emphasis on homeostatic mechanisms and their aberrations. Further study of selected disease processes provides the foundation for advanced clinical decision making.

Prerequisite(s): NGR 6140

Corequisite(s): NGR 6144

NGR 6172 - Pharmacotherapeutics (4 Credits)

Focus is on the knowledge and skills to assess, diagnose and pharmacologically manage common health problems in a safe, high quality, cost-effective manner. Emphasis is on Pharmacotherapeutics using an integrative approach to examine the use and efficacy of traditional and some complementary drug therapies used in advanced practice nursing.

Attribute(s): SUSC - Sustainability Component

NGR 6240 - Primary Health Care I (4 Credits)

Theoretical and practice bases for providing primary health care to adults in the community. Emphasis is on advanced practice nursing strategies for promotion and maintenance of health and management of adult health needs.

Prerequisite(s): (NGR 6002C or (NGR 6002 and NGR 6002L)) and NGR 6141

Corequisite(s): NGR 6240L

Attribute(s): SUSC - Sustainability Component

NGR 6240L - Primary Health Care I - Pract. (2 Credits)

Practice course for NGR 6240. Focus is on the beginning application of nurse practitioner knowledge and skills in the assessment and management of adult clients.

Prerequisite(s): (NGR 6002C or (NGR 6002 and NGR 6002L)) and NGR 6141

Corequisite(s): NGR 6240

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 6252 - Primary Health Care IV (4 Credits)

Incorporation and integration of all components of the primary health nurse care practitioner role developed in preceding courses with further refinement of advanced practice knowledge and competency with emphasis on the older adult.

Prerequisite(s): NGR 6240 and NGR 6240L and (NGR 6741 and NGR 6741L or NGR 6305 and NGR 6305L)

Corequisite(s): NGR 6252L

Attribute(s): SUSC - Sustainability Component

NGR 6252L - Primary Health Care IV-Pract. (4 Credits)

Practice course for NGR 6252. Emphasis is on further refinement of advanced practice knowledge and competency with emphasis on the older adult incorporation and integration of all components of the primary health nurse care practitioner role developed in preceding courses.

Prerequisite(s): NGR 6240 and NGR 6240L and (NGR 6741 and NGR 6741L or NGR 6305 and NGR 6305L)

Corequisite(s): NGR 6252

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 6305 - Primary Health Care III (3 Credits)

The course focuses on strategies for health promotion, maintenance and prevention of common health problems and management of alterations in children and families.

Prerequisite(s): NGR 6172 and (NGR 6240C or (NGR 6240 and NGR 6240L))

Corequisite(s): NGR 6305L

Attribute(s): SUSC - Sustainability Component

NGR 6305L - Primary Health Care III-Pract. (2 Credits)

Practice course for NGR 6305. Emphasis is on the continued application of knowledge and skills in the assessment and management of children and their families. The course focuses on common health problems and management of alterations in children and their families.

Prerequisite(s): NGR 6172 and (NGR 6240C or (NGR 6240 and NGR 6240L))

Corequisite(s): NGR 6305

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 6400 - Chem & Physics for Anesthesia (3 Credits)

This course explores advanced principles of chemistry, biochemistry, and physics as applied to the delivery of anesthesia services.

Corequisite(s): NGR 6140

Attribute(s): SUSC - Sustainability Component

NGR 6405 - Adv Princ of Anesthesia II (4 Credits)

Focuses on the delivery of general anesthesia and a variety of regional anesthetics to patients across the lifespan with a variety of physical conditions and for a variety of surgical and medically related procedures.

Prerequisite(s): NGR 6421

Attribute(s): SUSC - Sustainability Component

NGR 6410 - Perioperative Technology (1 Credits)

Theory and principles related to technological devices used in perioperative nursing. Emphasis on operation and use of monitoring devices such as transducers, oximeters, and capnographs.

Attribute(s): SUSC - Sustainability Component

NGR 6420C - Basic Principles of Anesthesia (4 Credits)

Builds upon previously learned knowledge of advanced scientific principles and explores general principles of anesthesia that are essential for the delivery of safe, individualized, culturally competent, and cost effective anesthesia services throughout the perianesthesia continuum.

Prerequisite(s): NGR 6400 and NGR 6140 and NGR 6460

Attribute(s): SUSC - Sustainability Component

NGR 6421 - Adv Princ of Anesthesia I (4 Credits)

Builds upon knowledge of scientific and general principles of anesthesia in the delivery of anesthesia services. Focuses on delivery of general anesthesia and a variety of regional anesthetics to geriatric, obese, obstetric, and pediatric patients.

Prerequisite(s): NGR 6420 or NGR 6420C

Attribute(s): SUSC - Sustainability Component

NGR 6460 - Adv Pharmacology I (4 Credits)

In-depth exploration of advanced principles of human pharmacology as applied to advanced nursing practice. Focuses on pharmacologic and adjunctive agents commonly used in the delivery of anesthesia services and related implications for clinical anesthesia practice.

Corequisite(s): NGR 6400

Attribute(s): SUSC - Sustainability Component

NGR 6461 - Adv Pharmacology II (4 Credits)

In-depth exploration of advanced principles of human pharmacology as applied to advanced nursing practice. Focuses on pharmacologic agents commonly used for the management of pathophysiologic conditions and related implications for clinical anesthesia practice.

Prerequisite(s): NGR 6460

Attribute(s): SUSC - Sustainability Component

NGR 6491 - Synthesis Seminar (3 Credits)

Comprehensive review of knowledge learned throughout the DNP Nurse Anesthesiology Program related to basic sciences, equipment instrumentation and technology, general principles of anesthesia, anesthesia for surgical procedures and special populations, and professional responsibility.

Prerequisite(s): NGR 6949

NGR 6505L - Role Synthesis in Adv PMHNP (1-6 Credits)

Emphasis is on the development of clinical expertise in the management of psychiatric and mental health disorders across the lifespan.

Prerequisite(s): NGR 6538 (may be taken concurrently) and NGR 6560C (may be taken concurrently)

Attribute(s): WBLI - Work based learning indicator

NGR 6508C - PMHNP Group Therapy (5 Credits)

Focus is on the theoretical and conceptual models of group psychotherapy and management and treatment of adults, children, and families across the lifespan.

Prerequisite(s): NGR 6538 (may be taken concurrently) and NGR 6560C (may be taken concurrently)

Attribute(s): WBLI - Work based learning indicator

NGR 6509C - PMHNP Indiv & Fam Psychotherap (5 Credits)

Focus is on the theoretical and conceptual models of individual and family psychotherapy, pharmacological, and non-pharmacological care of individuals and families across the lifespan.

Prerequisite(s): NGR 6560C (may be taken concurrently) and NGR 6538 (may be taken concurrently)

Attribute(s): WBLI - Work based learning indicator

NGR 6538 - Psychopharm for Psych Nursing (3 Credits)

Focus is on advanced concepts in neurobiology, pharmacokinetics, pharmacodynamics, and the psychopharmacological management of individuals across the lifespan with psychiatric and mental health disorders.

NGR 6560C - Adv Psych Assess & Diagnostics (3 Credits)

Emphasis is placed on mental health assessment of clients across the life span within the context of the advanced psychiatric mental health nursing role.

Attribute(s): WBLI - Work based learning indicator

NGR 6638 - Advanced Health Promotion (3 Credits)

Focuses on theory and evidence-based health promotion practice for individuals, aggregates, communities, and vulnerable populations in a global, multicultural society.

Attribute(s): SUSC - Sustainability Component

NGR 6701 - Academic Role Nurse Educator (3 Credits)

Emphasis on the role of the nurse educator in the academic setting. Integrates the core competencies and best teaching practices needed to be successful in academia and to transform nursing education and educational practices.

Prerequisite(s): NGR 6710 and NGR 6712 and NGR 6713 and NGR 6711L (may be taken concurrently)

NGR 6710 - Teach & Assess Strat Nsg Ed (3 Credits)

Emphasis is on attainment of nurse educator competencies in developing and implementing teaching and assessment strategies used in classroom, laboratory, and clinical settings to enhance the achievement of learner outcomes.

Prerequisite(s): NGR 6712

NGR 6711L - Adv Clin Pract for Nurse Educ (2 Credits)

Focuses on application of creative teaching strategies used in the classroom, online, clinical, and simulation environments.

Prerequisite(s): NGR 6712 and NGR 6710 (may be taken concurrently)

Attribute(s): WBLI - Work based learning indicator

NGR 6712 - Foundations of Nursing Educ. (3 Credits)

Exploration of nursing education within a broad context related to history, philosophy and the principles of adult-learning theory.

NGR 6713 - Design&Eval of Nurs Curricula (3 Credits)

Emphasis is on the role of the nurse educator in developing program outcomes, and designing and evaluating nursing curricula that reflect contemporary health care trends in which graduates are prepared to practice in a complex, dynamic, multicultural health care environments.

Prerequisite(s): NGR 6712

NGR 6718 - Testing & Eval in Nursing Educ (1 Credits)

Focus on methods to measure student learning outcomes and student performance in various educational settings. Emphasis on test construction and test writing skills.

Prerequisite(s): NGR 6712 and NGR 6710 (may be taken concurrently)

NGR 6740 - Concepts/Roles of Adv Practice (3 Credits)

Examination of professional, organizational, legal, ethical, political, and economic influences on advanced nursing. Standards and scope of practice are explored.

Attribute(s): SUSC - Sustainability Component

NGR 6741 - Primary Health Care II (3 Credits)

The course focuses on strategies for health maintenance and prevention of common health problems, and management of health alterations in women and families.

Corequisite(s): NGR 6741L

Attribute(s): SUSC - Sustainability Component

NGR 6741L - Primary Health Care II -Pract. (2 Credits)

: Practice course for NGR 6741. Focus is on the application of knowledge and skills in the assessment and management of women. The course focuses on common health problems and management of alterations in women and families.

Prerequisite(s): NGR 6172 and NGR 6240 and NGR 6240L

Corequisite(s): NGR 6741

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 6811 - Advanced Nursing Research (3 Credits)

Examination and evaluation of questions, methods, designs, and frameworks for research and evidence-based practice.

NGR 6872 - Nursing Information Management (3 Credits)

Focus is on analysis of evolving information technology and its application to traditional and new environments of nursing. Emphasis is further directed to examination and evaluation of nursing and healthcare information management systems to enhance and promote optimum patient outcomes in a cost effective, safe, and ethical manner.

NGR 6894 - Global Trends & Practice Persp (3 Credits)

Comprehensive examination of global trends and issues with implications for shaping health care delivery and improving global health outcomes.

Attribute(s): SUSC - Sustainability Component

NGR 6905 - Independent Study in Nursing (1-6 Credits)

Directed, individualized study of a current concept, problem, or issue pertaining to nursing.

NGR 6930 - Special Topics in Nursing (1-6 Credits)

Examination of advanced topics in nursing. The course may be repeated for different topic areas, and content may vary.

NGR 6941L - Nurse as Educator Practicum (3 Credits)

Practicum for implementation of selected aspects of the nurse educator role including classroom, laboratory, clinical, and online teaching; participation in faculty governance; and enacting the role of a novice nurse educator using Boyer's Model of Scholarship.

Prerequisite(s): NGR 6002 and NGR 6002L and NGR 6141 and NGR 6701 (may be taken concurrently) and NGR 6710 and NGR 6711L and NGR 6712 and NGR 6713 and NGR 6811 and NGR 6945L

Corequisite(s): NGR 6701, NGR 6905

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 6942 - Nurse Educator Capstone (2 Credits)

Culmination of application of evidence-based nursing education. Students will demonstrate competency through the design, implementation, and analytical outcome measurements of a scholarly project.

Prerequisite(s): (NGR 6002 and NGR 6002L) and NGR 6141 and NGR 6701 (may be taken concurrently) and NGR 6710 and NGR 6711L (may be taken concurrently) and NGR 6712 and NGR 6713 and NGR 6811 and NGR 6945L and NGR 6172

NGR 6945L - Clinical Specialty Practice (1 Credits)

Supervised clinical practice integrating advanced nursing knowledge related to nursing care of a specific patient population or role.

Prerequisite(s): NGR 6712

Attribute(s): SUSC - Sustainability Component, WBLI - Work based learning indicator

NGR 6949 - Clinical Correlation Conf (3 Credits)

Builds upon knowledge of evidence-based scientific and anesthesia principles to solve complex problems encountered in the delivery of anesthesia services and to improve the quality of anesthesia care.

Prerequisite(s): NGR 5434L

Attribute(s): SUSC - Sustainability Component

NGR 7176 - Adv Pharmacology & Genomics (3 Credits)

Focus is on application and analysis of complex advanced nursing practice issues related to pharmacotherapeutics, genetics, and genomics as an essential component of patient-centered care. Emphasis further directed to the examination and evaluation of nursing and healthcare information management systems to enhance and promote optimum patient outcomes in a cost effective, safe and ethical manner.

Attribute(s): SUSC - Sustainability Component

NGR 7473 - Regional Anesthesia/Pain Mgmt (3 Credits)

This course focuses on evidence-based theoretical and clinical aspects of the administration and management of regional anesthesia and the management of acute and chronic pain.

NGR 7492 - Prof Role-Nurse Anesthetist (3 Credits)

This course examines professional, cultural, legal, regulatory, ethical, and health policy issues relevant to advanced practice nursing and the development of the professional role of the nurse anesthetist.

NGR 7768 - Basis of Adv. Practice Nursing (3 Credits)

Examination of major issues and challenges forming the foundation of advanced practice nursing. Focus is on historical evolution of the role, healthcare ethics, legal risk of practice, quality improvement indicators of practice, and culturally competent healthcare.

Attribute(s): SUSC - Sustainability Component

NGR 7769 - Advanced Practice Management (3 Credits)

Analysis of major issues and directions for advanced practice nursing. Emphasis is on reimbursement, quality indicators of patient safety and satisfaction, relevance of theory-based practice in the management of care, and public policy and the political process of change.

Attribute(s): SUSC - Sustainability Component

NGR 7846 - Biostatistics & Epidemiology (3 Credits)

Emphasis is on statistical analysis methods that are used in clinical and population health research. Focuses on epidemiological perspective on health by addressing general approaches for describing patterns of disease in populations.

Attribute(s): SUSC - Sustainability Component

NGR 7856 - Evidence-Based Trans. Research (3 Credits)

Focus is on the acquisition of skills in the translation, application, and evaluation of research emphasizing evidence-based practice to solve clinical problems and promote optimum health outcomes.

NGR 7891 - Fin & Mgmt-Anesthesia Practice (3 Credits)

This course examines issues related to leadership, finance, and practice management in the delivery of anesthesia services.

NGR 7895 - Health Policy (3 Credits)

Analysis of processes involved in health policy development, dissemination, and implementation. Focus is directed at evaluation of issues impacting policy decision making.

Attribute(s): SUSC - Sustainability Component

NGR 7899 - Organization Syst. & Leadship (3 Credits)

Focus is on developing abilities to conceptualize new care delivery models that are feasible within current organizational, political, cultural, and economic perspectives. Principles of practice management and strategies for balancing productivity with quality of care are emphasized.

Attribute(s): SUSC - Sustainability Component

NGR 7940L - Nurse Educator Residency (3 Credits)

Individualized guided practice experience at the doctoral level teaching in the classroom laboratory and clinical settings. Focus is on assimilation of the nurse educator role in academe.

Attribute(s): WBLI - Work based learning indicator

NGR 7949L - DNP Clinical Practice (1-8 Credits)

Emphasis is on the development of clinical expertise in the management of health problems in selected populations.

NGR 7974 - DNP Project (1-6 Credits)

A synthesis of work in which a project is planned, implemented, evaluated, and presented. The project addresses a complex practice or clinical problem within the student's field.