NRSG 225. Fndtns Pdg Prvdng Cln Nrs Cr. 4 Credits. (2 Lec, 2 Lab) F,S,Su F,Su
PREREQUISITES: B101, B102, FCS 101IS, and B103.
COREQUISITES: NRSG 225 or consent of instructor. Application of nursing principles, concepts and related skills for care of the individual needing assistance. The clinical decision-making process is utilized in the provision of nursing care in clinical settings.

NRSG 238. Hlth Asstmt Acctg Lifespan. 4 Credits. (2 Lec, 2 Lab) F,S,Su
PREREQUISITES: BIO1 201 and BIO1 211. COREQUISITE: NRSG 225 or consent of instructor. This course is designed to teach the student a health-oriented approach to nursing assessment of clients across the life span in a variety of community-based settings. The primary focus of the course is on normal health assessment findings, with recognition of abnormal variations. This course emphasizes development of the skills needed to perform a comprehensive health assessment of children, adults, and the elderly. Data collection through comprehensive history taking and physical assessment is emphasized. Utilization of assessment findings in clinical decision making is discussed throughout the course.

NRSG 242. Complementary Healing. 2 Credits. (2 Lec) S
PREREQUISITE: Undergraduate nursing students or permission of the instructor. The purpose of this course is to explore the techniques of health and illness conceptualized from complementary and alternative traditions. Students will explore the integration of these models into practice.

NRSG 258. Principles of Pathophysiology. 3 Credits. (3 Lec) F,S,Su
PREREQUISITE: BIO1 201, BIO1 211, CHMY 121IN, and CHMY 123. This course provides an introduction to the abnormal functioning of human cells, tissues, and organ systems, and the physiological adaptations that occur. Commonly encountered age-related variations are addressed. The influences of environment, genetics, nutrition, and culture are emphasized. Current research that explains the changes that accompany a particular syndrome or disease is considered.

NRSG 290R. Undergraduate Research. 1-6 Credits. (1-6 Ind; 6 cr max) On Demand
may be repeated Directed undergraduate research/creative activity which may culminate in a written report or other creative project. Course will address responsible conduct of research.
NRSG 454. Urgent and Palliative Care. 6 Credits.

PREREQUISITE: NRSG 352. The focus of this course is application of theoretical and empirical knowledge to nursing care for complex clients across the adult lifespan requiring urgent and palliative care in a variety of settings. Clinical decision making, triage and symptom management are emphasized. This course builds upon and integrates knowledge gained from nursing, sciences and the humanities.

NRSG 469. Cultural Applications Apps in Nursing: The (Specific Culture) Experience. 1-6 Credits.

PREREQUISITE: Enrolled in the undergraduate nursing program. This course is designed as an intense, but time limited, immersion into another culture and is focused on health beliefs, healthcare, and nursing applications. The experience will be preceded by analysis of cultural and healthcare principles applicable to nursing, and concluded by analysis of, or participation in, healthcare delivery in another culture.

NRSG 477. Pop Based Nursing Care in Comm. 6 Credits.

PREREQUISITES: NRSG 437 and NRSG 454. The focus of this course is the health and well-being of the community. Global and national health problems are examined from a public health perspective. Community assessment and epidemiologic methods are used to identify populations at risk and potential areas for intervention.

NRSG 479. Population Health & Leadership. 6 Credits.

The purpose of this course is to apply a population-based, epidemiological approach to discover risk factors and evidence-based health promotion and disease prevention practices. Interdisciplinary leadership and management concepts will be incorporated to guide improved outcomes for populations. College of Nursing.

NRSG 487. Nursing Ldrshp/Mgmt Dvlpmnt. 6 Credits.

PREREQUISITES: NRSG 437, NRSG 444 and NRSG 454. Senior capstone course. The focus of this course is to provide an integration of theory and skill development in leadership, management and organizational concepts for the design, coordination, and management of health care using the community based philosophy.

NRSG 489. Research & Statistics to Support Evidence Based Practice. 6 Credits.

This course provides an introduction to research principles, methodologies and statistical procedures used to analyze data to support evidence-based practice. Emphasis is placed on critical analysis of nursing and health care research and correct application and interpretation of statistics. College of Nursing.

NRSG 489R. Research & Statistics to Support Evidence Based Practice. 6 Credits.

This course provides an introduction to research principles, methodologies and statistical procedures used to analyze data to support evidence-based practice. Emphasis is placed on critical analysis of nursing and health care research and correct application and interpretation of statistics. College of Nursing.

NRSG 490R. Undergraduate Research. 1-6 Credits.

On Demand

Max 12 cr. PREREQUISITE: Junior standing. Directed undergraduate research/creative activity which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research. May be repeated.

NRSG 491. Special Topics. 1-4 Credits.

On Demand

Max 12 cr. PREREQUISITE: Junior standing and as determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

NRSG 492. Independent Study. 1-3 Credits.

On Demand

Max 6 cr. PREREQUISITE: Junior standing and consent of instructor, and approval of department head. Directed research and study on an individual basis.

NRSG 494. Workshop/Seminar. 1-4 Credits.

On Demand

Max 12 credits PREREQUISITE: Junior standing and as determined for each offering. Topics offered at the upper division level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

NRSG 498. Internship. 3 Credits.

PREREQUISITE: Satisfactory completion of all 1st semester junior level clinical nursing courses. Placement subject to availability. This elective course is designed to increase competence and confidence in previously learned clinical skills. The student works with a registered nurse (RN) in a cooperating clinical agency for a period of intensified clinical experience.

NRSG 501. Tech Concepts Nursing Educator. 2 Credits.

PREREQUISITE: Graduate Standing. Designed for students interested in nursing education (academic or practice environment). Emphasizes teaching strategies and delivery of nursing education for diverse learners in a variety of settings. Roles and responsibilities are explored. Includes history and evolution of teaching and learning.

NRSG 502. Effective Clinical Teaching. 2 Credits.

PREREQUISITE: Graduate Standing. Focuses on educator roles and responsibilities in teaching clinical nursing (academic or practice environments). Designed for students interested in developing clinical teaching skills. Major themes: development of learning activities, evaluation of student performance, concepts of student supervision, and agency coordination.

NRSG 503. Curriculum Development. 3 Credits.

On Demand

Alternate years to be offered Su even years. PREREQUISITE: Graduate Standing. Theories and models of curriculum development are explored and designed for nurses teaching in either academic or practice environments. Variables associated with design and planning of educational interventions are explored. Students synthesize appropriate theoretical concepts to develop a model curriculum.

NRSG 504. Assmnt and Eval of Education. 3 Credits.

On Demand

Alternate years to be offered Su odd years. PREREQUISITE: Graduate Standing. Students engage in discussions around design, assessment, and evaluation of instruction by nurses. Topics include writing instructional objectives and constructing activities to assess student learning outcomes. Students complete a project to gain skills in evaluating learning related to a specific unit of study.

NRSG 508. Clinical Leadership Practicum. 7 Credits.

PREREQUISITE: NRSG 509, NRSG 604, NRSG 608, and NRSG 611. In collaboration with the faculty and clinical preceptor, students will design, manage, and evaluate care to improve health outcomes for a selected population. Designed to promote integration of coursework through immersion in the CNL role.

NRSG 509. Clinical Nurse Leader Lab I. 2 Credits.

PREREQUISITE: NRSG 604, NRSG 608 or consent of instructor. Students will engage in activities that promote development of CNL competencies. Strategies used to promote patient-centered care and interprofessional collaboration in selected settings will be examined.

NRSG 574. Teaching Practicum. 1-4 Credits.

PREREQUISITE: NRSG 504 or consent of instructor. Teaching/learning principles are integrated into nursing education in academic or practice environments. Students practice, observe, and evaluate teaching/learning processes. The instructor and student negotiate laboratory activities.

NRSG 575. Professional Paper and Project. 1-9 Credits.

On Demand

Max 6 cr. PREREQUISITE: Graduate standing. A research or professional paper or project dealing with a topic in the field. The topic must have been mutually agreed upon by the student and his or her major advisor and graduate committee.

NRSG 591. Special Topics. 1-4 Credits.

On Demand

Max 12 cr. PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

NRSG 592. Independent Study. 1-3 Credits.

On Demand

Max 1 - 3 cr. IND Maximum 6 cr. PREREQUISITE: Graduate standing, consent of instructor, approval of department head and Dean of Graduate Studies. Directed research and study on an individual basis.

NRSG 594. Seminar. 1 Credit.

On Demand

Max 4 cr. PREREQUISITE: Graduate standing or seniors by petition. Course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

NRSG 601. Advanced Health Assessment. 3 Credits.

PREREQUISITE: Graduate standing. Documenting and analyzing, synthesizing, and making clinical decisions about the client's health status. Includes assessment of normal and abnormal physiological and psychosocial processes relevant to gender and culture across the lifespan.

NRSG 602. Adv Physiol/Pathophysiol. 4 Credits.

Comprehensive examination of physiological functioning and common pathophysiological alterations in humans. Builds on fundamentals of anatomy, physiology, and pathology examined from subcellular level through major body systems. Focus on etiology, pathogenesis, developmental and environmental influences and clinical manifestations of injury and disease.
NRSG 603. Advanced Pharmacology I. 2 Credits. (2 Lec) S
PREREQUISITE: NRSG 602 This course provides an understanding of the science of therapeutics and principles of pharmacokinetics and pharmodynamics.

NRSG 604. Evidence Based Practice I. 4 Credits. (4 Lec) F
PREREQUISITES: NRNS 489R, NRSG 308R, or NRSG 387R - This graduate nursing course advances the student’s capacity for critical review of the literature from across disciplines in order to improve clinical outcomes by way of evidence based/informed practice.

NRSG 605. Evidence Based Practice II. 3 Credits. (3 Lec) S
Su (12 weeks in Su) PREREQUISITE: NRSG 604; NRSG 606 In this graduate course, students will become skilled using a variety of tools from research, biostatistics, epidemiology, and other data based disciplines to translate critically appraised evidence into action plans aimed at addressing clinical problems.

NRSG 606. Statistical Applications. 3 Credits. (3 Lec) F,S
PREREQUISITE: STAT 2160 or equivalent Builds on basic understanding of quantitative methods and resulting statistical analyses. Particular application to critique health sciences research. Students reach a graduate level of sophistication in their understanding of the statistical strength of published research. Students will gain facility in statistical techniques of correlation, regression, Chi square, t-test, analysis of variance, confidence limit estimation.

NRSG 607. Diagnostic Reasoning. 3 Credits. (2 Lec., 667 Lab) S
PREREQUISITES: NRSG 601; NRSG 602 This graduate nursing course promotes the development of the practitioners’ comprehensive assessment proficiency, critical thinking and diagnostic reasoning. The practitioner will utilize a systematic approach for clinical decision making, diagnosis and documentation.

NRSG 608. Design H C Delivery Systems. 3 Credits. (3 Lec) S
PREREQUISITE: NRSG 604 for Nursing students or EIND 458 for IE students or instructors permission. Examines the role of nurses and industrial engineers in healthcare. Examines major systems within healthcare organizations which affect care delivery. Learn strategies for analyzing, improving processes, and coordinating interdisciplinary healthcare teams to enhancing healthcare quality management and reducing health risk through medical error elimination.

NRSG 609. Advanced Nursing Leadership & Roles. 3 Credits. (3 Lec) F,S
Prepares graduate nursing students for direct and indirect advanced nursing roles and core competencies in organizational and systems leadership. Emphasizes on leadership, communication, collaboration, negotiation, team functioning, conflict resolution and scholarship.

NRSG 610. Health Care Informatics. 3 Credits. (3 Lec) F
PREREQUISITES: Graduate Standing. Explores health care information systems and computer technology to optimize health information management and communication systems while maintaining privacy and security of data.

NRSG 611. Program Planning & Evaluation, Outcomes, & Quality Improvement. 3 Credits. (3 Lec) S
PREREQUISITE: Graduate Standing. This course focuses on the role of the graduate nurse in health-related program planning and evaluation. Principles of quality improvement and outcomes management are integrated into the methods. Formative and summative evaluation models will be integrated throughout the course.

NRSG 612. Ethics, Law, and Policy for Advocacy in Healthcare. 3 Credits. (3 Lec) S
PREREQUISITE: Graduate Standing. The graduate nursing student will integrate knowledge of bioethics, current legal issues, ethical comportment, clinical decision-making, and functions of law and policy analysis as applied to clinical practice.

NRSG 613. Finance & Budget H C Systems. 2 Credits. (2 Lec) S
PREREQUISITES: Graduate Standing. This course focuses on the application of fiscal management principles of health care systems. Emphasis is on health care economics, fiscal management, and budgeting concepts as they relate to healthcare.

NRSG 614. Vulnerability and Health Care in Diverse Communities. 4 Credits. (2 Lec., 2 Lab) F
PREREQUISITE: Graduate Standing. This graduate nursing course addresses concepts of vulnerability and disparity in health and healthcare among diverse and rural populations. Students will examine vulnerable populations. Interactions with the healthcare systems, including access, utilization, and outcomes will be examined. Students will address strategies for addressing disparities in healthcare.

NRSG 615. Translational Research Adv Pra. 3 Credits. (3 Lec) F
PREREQUISITES: NRSG 601, 602, 603, 604, and 605. This graduate nursing course provides students opportunities to explore translational research. The course focuses on understanding complementary disciplines with the goal of enhancing communication and collaboration among researchers.

NRSG 620. Adv Pharm II. 3 Credits. (3 Lec) Su
PREREQUISITE: NRSG 602, NRSG 603. Focuses on pharmacologic effects and clinical use of selected drug classifications for the treatment and management of acute and chronic illnesses. Ethical and legal responsibilities, pharmacologic mechanisms, contraindications, complimentary alternative medicine and patient education will be addressed.

NRSG 621. Advanced Clinical I. 6 Credits. (3 Lec, 3 Lab) Su
PREREQUISITE: NRSG 601, 602, 603, 604, 605 and 607. Focus on comprehensive assessment, intervention and preventative care for childbearing and childrearing families in primary health care. Includes content on physiologic, pathophysiological, psychological, developmental, sociocultural and spiritual primary health care needs of childbearing and childrearing families.

NRSG 622. Advanced Clinical II Primary Care for Midlife Families. 6 Credits. (3 Lec, 3 Lab) F
PREREQUISITES: NRSG 621 Adv Clin I; NRSG 620 Adv Pharm II Comprehensive assessment, intervention and preventative care for midlife families in primary health care settings. Recognizing the holistic nature of individuals within families, this course will include content on the physiological, pathophysiological, psychological, developmental, sociocultural, and spiritual primary health care needs of midlife families.

NRSG 623. Advanced Clinical II: Psychotherapeutic Modalities. 6 Credits. (3 Lec, 3 Lab) S
PREREQUISITE: NRSG 622. Focus on assessment, treatment and preventative care for aging families in primary health care settings. Physiological, pathophysiological, psychological, developmental, sociocultural and spiritual responses to acute and chronic conditions will be explored emphasizing the importance of advocacy.

NRSG 624. Advanced Clinical IV (NP, Family/Individual) Primary Care Clinical Preceptorship. 7 Credits. (1 Lec, 6 Lab) S
PREREQUISITE: NRSG 623. In this graduate nursing practicum, students will further refine their role as a doctor of nursing practice demonstrating expertise, specialized knowledge, and expanded responsibility and accountability in the care and management of individuals and families. Students in the Family Nurse Practitioner (FNP) option participate in the selection of a practice setting such as family health, pediatrics, women's health, gerontology, a broad based primary care, or specialty practice. Students will incorporate a holistic perspective in the management of patients and engage in the formation of therapeutic partnerships in a clinical practice. College of Nursing.

NRSG 630. Adv Psychopharm II. 3 Credits. (2 Lec.) S

NRSG 631. Advanced Clinical I – Psych/Mental Health. 6 Credits. (3 Lec, 3 Lab) S
PREREQUISITE: NRSG 601, 602, 603, 604, 605, 607. The role and scope of advanced psychiatric nursing practice and foundational legal and ethical issues are explored. The neuroanatomy and neurophysiology of psychiatric disorders are reviewed. Conduct comprehensive and systematic psychiatric assessments in complex situations.

NRSG 632. Advanced Clinical II: Psychotherapeutic Modalities. 6 Credits. (3 Lec, 3 Lab) F
PREREQUISITES: NRSG 630, 631 Conceptual and theoretical foundations for psychotherapy, including selected therapeutic modalities for individuals, group psychotherapy, and the integration of multicultural skills for health promotion and management of mental health problems and psychiatric disorders are introduced and examined.

NRSG 633. Advanced Clinical III, Psych/Mental Health. 6 Credits. (3 Lec, 3 Lab) S
PREREQUISITE: NRSG 632 In this course, students will explore the conceptual and theoretical foundations for psychotherapy with families and couples. Continuation of psychopharmacology concepts presented in Advanced Clinical I and II will be provided with an emphasis on expanded pharmacology concepts.

NRSG 634. Advanced Clinical IV, NP, Psych/Mental Health. 7 Credits. (1 Lec, 6 Lab) S
PREREQUISITE: NRSG 633. Advanced Clinical III. This graduate nursing course builds upon content and skills attained in Advanced Clinical I, II, and III. In this practicum students will further refine their role as a doctor of nursing practice demonstrating expertise, specialized knowledge, and expanded responsibility and accountability in the advanced psychiatric care and management of individuals and families.
NRSG 674. Graduate Nursing Scholarly Project Seminar. 2 Credits. (1 Lec, 1 Lab) F Su
Designed for students who are highly proficient writers, the purpose of this course is to introduce the graduate nursing student to scholarly writing process. Students will develop and submit an article for publication.

NRSG 675. Professional Paper and Project. 1-9 Credits. (1-9 Ind; 9 cr max) F,S,Su
PREREQUISITE: NRSG 602, NRSG 603, NRSG 604, NRSG 674 or instructor permission. Professional paper or project dealing with a topic in the field. The topic must have been mutually agreed upon by the student and his or her major advisor and graduate committee.

NRSG 691. Special Topics. 2 Credits. (1 Lec, 1 Lab)
Special Topics for Nursing.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.