

Clinical settings require student criminal background checks. Additionally, international students require curricular practical training clearance to meet federal requirements for all clinical and co-op experiences. Please see [Requirements for Clinical, Internships, and Practicum Courses](#) and [Background Checks](#) in this catalog for further details.

Accreditation

The baccalaureate degree program in nursing at Northeastern University is accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001, 202-887-6791, and is approved by the Board of Registration in Nursing of the Commonwealth of Massachusetts and the state of North Carolina. Accreditation and approval indicate that the program meets educational standards for faculty, curriculum design, student quality, and overall university support.

Bachelor of Science in Nursing (BSN)

- [Nursing](#)
- [Nursing—Accelerated Program for Second-Degree Students](#)
- [Nursing—Transfer Track](#)

Minor

- [Wellness Studies](#)

Nursing Courses

NRSG 1000. College: An Introduction. (1 Hour)

Provides an introduction to the University, college, and health professions to enhance students' understanding of self and the decisions they make academically and socially as members of the University's diverse, multicultural community. Group activities and individual assignments along with active participation in a learning community help students adjust to life on an urban campus, develop a better understanding of the learning process, acquire essential academic skills, and make connections with the faculty and students in the college.

NRSG 1990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

NRSG 2000. Professional Development for Co-op. (1 Hour)

Introduces the Bouvé Cooperative Education Program. Offers students an opportunity to develop job-search and career-management skills. Students perform assessments of their workplace skills, interests, and values and discuss how they impact personal career decisions. Offers students an opportunity to prepare a professional-style résumé, learn proper interviewing techniques, and gain an understanding of the opportunities available to them for co-op. Introduces career paths, choices, and career decision making. Familiarizes students with workplace issues relative to their field of study and presents the MyNEU COOL database in the job-search and referral process. Presents and discusses co-op policies, procedures, and expectations of the Bouvé Cooperative Education Program and co-op employers.

NRSG 2001. Foundations of Professional Nursing Practice. (2 Hours)

Introduces students to professional nursing practice. Offers students an opportunity to envision how nurses can shape the future of the profession while developing personal strategies for success. Students explore essential tools that professional nurses employ to meet healthcare delivery challenges and begin their journey toward establishing their professional identities as caregivers, scholars, and leaders.

NRSG 2150. Ethical Healthcare: Genetics and Genomics. (4 Hours)

Presents an overview of bioethics and, more specifically, the application of ethics including the implication of genetics/genomics in healthcare across the life span. Students apply the Code of Ethics for Nurses to case studies that address dilemmas in multiple settings with a diverse patient population. Considers issues related to biomedical, clinical, genetic/genomic, social, and legal aspects and integrates such considerations into ethical decision making. Offers students an opportunity to work as a team and be encouraged to respect alternative viewpoints to address realistic ethical dilemmas encountered in contemporary healthcare. Appropriate and

relevant for all students interested in expanding their view and appreciation of health dilemmas.

Attribute(s): NUpath Ethical Reasoning

NRSG 2210. Influences on Health and Illness: A Nursing Perspective. (3 Hours)

Offers a context within which students have an opportunity to begin to understand, develop, and nurture a professional nursing identity. Through situated learning within a model of whole-person care, the student may utilize clinical imagination and reasoning to explore culturally mediated behaviors and meanings that are ascribed to health and illness experiences across the life span. Empirical, personal, ethical, and aesthetic ways of knowing create a framework for personal reflection and reflexivity. Integrated learning strategies guide the beginner's study of communication and relationships with patients, families, and providers. Guiding course principles include foundations of the nursing profession, nursing self-care and well-being, compassionate care, social justice, and quality and safety.

Prerequisite(s): ((BIOL 1117 with a minimum grade of C or [BIOL 2217](#) with a minimum grade of C); (BIOL 1121 with a minimum grade of C or [BIOL 2221](#) with a minimum grade of C); ([ENGW 1111](#) (may be taken concurrently) with a minimum grade of C or [ENGW 1111](#) (may be taken concurrently) with a minimum grade of C)) or graduate program admission

Attribute(s): NUpath Difference/Diversity, NUpath Creative Express/Innov

NRSG 2220. Health Assessment and Fundamental Nursing Skills. (3 Hours)

Introduces the concepts of wellness and caring utilizing the nursing clinical judgment model and the nursing process as the frameworks for nursing practice. Outlines the ethnic, cultural, psychosocial, and developmental gender-specific and physical aspects of health in the context of client-centered care. Offers the learner an opportunity to acquire a range of beginning assessment techniques and nursing skills that support appropriate nursing care planning and interventions for clients. Explores nurses' engagement with therapeutic communication.

Prerequisite(s): ((BIOL 1119 with a minimum grade of C or [BIOL 2219](#) with a minimum grade of C); (BIOL 1121 with a minimum grade of C or [BIOL 2221](#) with a minimum grade of C); ([CHEM 1101](#) with a minimum grade of C or [CHEM 1161](#) with a minimum grade of C or [CHEM 1211](#) with a minimum grade of C); [HSCI 1105](#) with a minimum grade of C ; ([MATH 1215](#) with a minimum grade of C or [MATH 1231](#) with a minimum grade of C or [MATH 1241](#) with a minimum grade of C or [MATH 1341](#)

with a minimum grade of C); ([PSYC 1101](#) with a minimum grade of C or [PSYC 1101](#) with a minimum grade of C)) or graduate program admission

Corequisite(s): [NRSB 2221](#)

NRSB 2221. Lab for NRSB 2220. (1 Hour)

Designed to provide the foundation for students' mastery of beginning assessment techniques and nursing skills for future application in clinical settings and the delivery of safe care of clients. Develops assessment and intervention skills by supervised practice and student demonstration in the nursing laboratory. Provides additional opportunities for students to enhance their skills to provide quality care, to communicate effectively, and to develop critical thinking through simulated case studies.

Corequisite(s): [NRSB 2220](#)

NRSB 2350. Integrated Pathophysiology and Pharmaceutical Interventions for Nursing Practice. (6 Hours)

Provides the fundamentals of pharmacology and pathophysiology for nursing students. Focuses on the disruption of physiological processes that produce disease states and the use of drugs to prevent or ameliorate these disruptions. Discusses pathophysiologic concepts from a systems approach and includes alterations in cellular growth and proliferation and immune, cardiovascular, respiratory, gastrointestinal, genitourinary, integumentary, musculoskeletal, reproductive, neurological, hematologic, sensory, and endocrine function. Presents major drug classifications used to treat common medical disorders. Examines the indications, mechanism of action, drug metabolism, and adverse effects. Discusses the application of pharmacologic therapies as well as relevant nonpharmacologic interventions. Also considers the influence of genetics, environmental factors, and life span considerations.

Prerequisite(s): (BIOL 1117 with a minimum grade of C or [BIOL 2217](#) with a minimum grade of C); (BIOL 1119 with a minimum grade of C or [BIOL 2219](#) with a minimum grade of C); (BIOL 1121 with a minimum grade of C or [BIOL 2221](#) with a minimum grade of C); ([CHEM 1101](#) with a minimum grade of C or [CHEM 1161](#) with a minimum grade of C or [CHEM 1211](#) with a minimum grade of C)

NRSB 2990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

NRSG 2991. Research in Nursing. (1-4 Hours)

Offers an opportunity to conduct introductory-level research or creative endeavors under faculty supervision. May be repeated once.

NRSG 3302. Nursing with Women and Families. (3 Hours)

Emphasizes the promotion of health for childbearing women and their families. The nursing process provides the framework for students to assess and therapeutically intervene in promoting healthy childbearing and health during the life span. Self-care and empowerment are an integral focus in examining women's health from a developmental perspective. Examines the nursing role of the professional nurse in the context of concepts of human development of individual, family, and community. Discusses the effects of cultural, social, economic, and ethical influences and the impact of healthcare technology.

Prerequisite(s): ([NRSG 2220](#) (may be taken concurrently) with a minimum grade of C or [NRSG 2220](#) (may be taken concurrently) with a minimum grade of C or [NRSG 2220](#) (may be taken concurrently) with a minimum grade of C); ([NRSG 2221](#) (may be taken concurrently) with a minimum grade of C or [NRSG 2221](#) (may be taken concurrently) with a minimum grade of C or [NRSG 2221](#) (may be taken concurrently) with a minimum grade of C); ([NRSG 2350](#) (may be taken concurrently) with a minimum grade of C or [NRSG 2350](#) (may be taken concurrently) with a minimum grade of C) or ([NRSG 5117](#) (may be taken concurrently) with a minimum grade of B ; [NRSG 5126](#) (may be taken concurrently) with a minimum grade of B)) or graduate program admission

Corequisite(s): [NRSG 3303](#)

NRSG 3303. Clinical for NRSG 3302. (2 Hours)

Emphasizes the application of theories, principles, and concepts studied in [NRSG 3302](#) to provide nursing care with a focus on childbearing individuals and their families. Offers students an opportunity to develop specialized skills in addressing the unique healthcare needs of childbearing individuals during pregnancy, childbirth, and postpartum periods and to gain proficiency in assessments, interventions, and delivering holistic care.

Corequisite(s): [NRSG 3302](#)**NRSG 3320. Nursing Care of Adults 1. (4 Hours)**

Focuses on the care of adults experiencing common health problems. Builds on the conceptual foundation learned in sciences, nursing practice, physical assessment, pharmacology, nutrition, and growth and development. Emphasizes the acute care of adults and application of the nursing process. Explores expanding concepts of health and illness, including management of patients transitioning from acute care to the home or rehabilitation settings.

Prerequisite(s): (([NRSG 2210](#) with a minimum grade of C or [NRSG 2210](#) (may be taken concurrently) with a minimum grade of C or [NRSG 2210](#) (may be taken concurrently) with a minimum grade of C); ([NRSG 2220](#) with a minimum grade of C or [NRSG 2220](#) with a minimum grade of C or [NRSG 2220](#) with a minimum grade of C); ([NRSG 2221](#) with a minimum grade of C or [NRSG 2221](#) with a minimum grade of C or [NRSG 2221](#) with a minimum grade of C); ([NRSG 3323](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3323](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3323](#) (may be taken concurrently) with a minimum grade of C); ([NRSG 3324](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3324](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3324](#) (may be taken concurrently) with a minimum grade of C); (([NRSG 2350](#) with a minimum grade of C or [NRSG 2350](#) with a minimum grade of C) or ([NRSG 5117](#) with a minimum grade of B ; [NRSG 5126](#) with a minimum grade of B)) or graduate program admission

Corequisite(s): [NRSG 3321](#)**NRSG 3321. Clinical for NRSG 3320. (2 Hours)**

Emphasizes clinical skills that focus on the application of knowledge learned in [NRSG 3320](#).

Corequisite(s): [NRSG 3320](#)**NRSG 3323. Advanced Assessment and Interventions. (1 Hour)**

Focuses on principles and concepts that support nursing assessment and the performance of advanced nursing skills in the adult patient. Health assessment, nursing interventions, and communication techniques that support clinical decision making are discussed within the nursing process framework. Emphasis is placed on critical analysis of the appropriateness of, and accurate performance of nursing

interventions to ensure the provision of safe quality care. The delivery of culturally competent care and the professional development of the nurse as an inter-professional team member are discussed.

Prerequisite(s): (([NRSG 2220](#) with a minimum grade of C or [NRSG 2220](#) with a minimum grade of C or [NRSG 2220](#) with a minimum grade of C); ([NRSG 2221](#) with a minimum grade of C or [NRSG 2221](#) with a minimum grade of C or [NRSG 2221](#) with a minimum grade of C)); (([NRSG 2350](#) with a minimum grade of C or [NRSG 2350](#) with a minimum grade of C) or ([NRSG 5117](#) with a minimum grade of B ; [NRSG 5126](#) with a minimum grade of B))

Corequisite(s): [NRSG 3324](#)

NRSG 3324. Lab for NRSG 3323. (1 Hour)

Introduces the student to the practice and application of advanced nursing skills, health assessment, and communication techniques. The course offers the opportunity to develop and master advanced assessment and intervention skills by supervised practice and demonstration. Participation in simulated patient care experiences allows the student to engage in clinical reasoning based on patient interaction and assessment that leads to the identification of appropriate nursing interventions.

Corequisite(s): [NRSG 3323](#)

NRSG 3400. Nursing and the Promotion of Mental Health. (3 Hours)

Focuses on psychiatric mental health (PMH) nursing, a process used by the professional nurse in facilitating adaptive responses and goal attainment of human systems. Emphasizes an overview of concepts and theories of personality development, therapeutic relationships, psychiatric terminology, the nursing process as it relates to patients with psychiatric problems, the study of self-concept, role functioning, and interdependence as it relates to families and groups. Explores critical thinking, health assessment, and a variety of intervention strategies. Compares various paradigms for the study of group and community assessment, therapeutics, and outcome measures.

Prerequisite(s): (([NRSG 3323](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3323](#) (may be taken concurrently) with a minimum grade of C); [PSYC 3404](#) (may be taken concurrently) with a minimum grade of C) or graduate program admission

Corequisite(s): [NRSG 3401](#)

NRSG 3401. Clinical for NRSG 3400. (2 Hours)

Focuses on applying the theories, principles, and concepts learned in [NRSG 3400](#) in providing psychiatric mental health (PMH) nursing care.

Corequisite(s): [NRSG 3400](#)

NRSG 3420. Nursing Care of Adults 2. (4 Hours)

Focuses on the care of adults and their families experiencing complex physiological insults across the lifespan. Builds on the conceptual foundation established in [NRSG 3320](#). Offers students an opportunity to improve their organizational skills through the expanding complexity of patient acuity levels and workloads in an advanced health care setting. Emphasis is on complex decision and critical thinking through collaboration and the use of evidence-based practices in high acuity and critical care settings. Seeks to help the student to conceptualize care of the ill patient from admission to discharge and beyond, as a means of holistic practice that demonstrates knowledge of prevention, promotion, maintenance, and restoration of the clients with complex health problems.

Prerequisite(s): ([NRSG 3320](#) with a minimum grade of C or [NRSG 3320](#) with a minimum grade of C or [NRSG 3320](#) with a minimum grade of C); ([NRSG 3321](#) with a minimum grade of C or [NRSG 3321](#) with a minimum grade of C or [NRSG 3321](#) with a minimum grade of C); ([NRSG 3323](#) with a minimum grade of C or [NRSG 3323](#) with a minimum grade of C or [NRSG 3323](#) with a minimum grade of C); ([NRSG 3324](#) with a minimum grade of C or [NRSG 3324](#) with a minimum grade of C or [NRSG 3324](#) with a minimum grade of C); ([NRSG 3302](#) with a minimum grade of C or [NRSG 3302](#) with a minimum grade of C or [NRSG 3302](#) with a minimum grade of C); ([NRSG 3303](#) with a minimum grade of C or [NRSG 3303](#) with a minimum grade of C or [NRSG 3303](#) with a minimum grade of C)

Corequisite(s): [NRSG 3421](#)

NRSG 3421. Clinical for NRSG 3420. (2 Hours)

Focuses on applying the theories, principles, and concepts covered in [NRSG 3420](#) in providing nursing care to adults in increasingly complex situations. Builds upon clinical skills established in [NRSG 3321](#).

Corequisite(s): [NRSG 3420](#)

NRSG 3990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

NRSG 4502. Nursing Care of the Child. (4 Hours)

Builds on developmental and family theory. Focuses on the principles of nursing care of children experiencing acute and/or complex, chronic health problems and their families. The complex health issues are analyzed within the context of the individual, family, and community. Offers students an opportunity to explore evidenced-based practices within the framework of the nursing process. The therapeutic role is addressed in partnership with the family and resources available within a collaborative and interdisciplinary environment.

Prerequisite(s): ([NRSG 3420](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3420](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3420](#) (may be taken concurrently) with a minimum grade of C); ([NRSG 3421](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3421](#) (may be taken concurrently) with a minimum grade of C or [NRSG 3421](#) (may be taken concurrently) with a minimum grade of C)

Corequisite(s): [NRSG 4503](#)

NRSG 4503. Clinical for NRSG 4502. (2 Hours)

Focuses on applying the theories, principles, and concepts learned in [NRSG 4502](#) in providing nursing care for acutely and/or chronically ill children and their families in a pediatric clinical setting.

Corequisite(s): [NRSG 4502](#)

NRSG 4604. Public Health Community Nursing. (3 Hours)

Introduces population-focused nursing and applies the nursing process to the community as client. Examines evidence-based health-promotion strategies in a variety of community settings. Addresses core functions and essential services of public health, and introduces epidemiological and economic concepts and models. Emphasizes the involvement of the community/public health nurse in ethical issues and health policy, focusing on vulnerable populations in giving cultural and linguistic-competent care. Examines community-based strategies and interprofessional collaboration to care for underserved populations in both urban and suburban communities. Emphasizes the community/public health nurse as a population-

focused care provider, case manager, deliverer of quality nursing care, care coordinator, critical thinker, liaison between agencies, and nursing researcher.

Prerequisite(s): ([NRSG 3400](#) with a minimum grade of C or [NRSG 3400](#) with a minimum grade of C or [NRSG 3400](#) with a minimum grade of C); ([NRSG 3401](#) with a minimum grade of C or [NRSG 3401](#) with a minimum grade of C or [NRSG 3401](#) with a minimum grade of C)

Corequisite(s): [NRSG 4605](#)

Attribute(s): NUpath Interpreting Culture

NRSG 4605. Clinical for NRSG 4604. (2 Hours)

Seeks to facilitate the student's socialization to population-focused nursing and to plan care for the community as client. Emphasizes the application of knowledge when addressing core functions and essential services of public health, epidemiology, and economic concepts and models. Students engage in cultural and linguistic-appropriate health assessment, health promotion, and illness-prevention strategies in a variety of community settings. This may include acting as a community/public health nurse for ethical issues, health policy, coordination of care, interprofessional collaboration, liaison between agencies, and facilitation of healthcare research. Examines and evaluates types of community-based strategies used to serve underserved and vulnerable populations to ensure quality care for those living in both urban and suburban communities.

Corequisite(s): [NRSG 4604](#)

Attribute(s): NUpath Integration Experience

NRSG 4610. Managing and Leading in Healthcare. (4 Hours)

Introduces various theoretical frameworks that support principles of leadership and management in nursing in all types of organizational settings. Emphasizes developing, enhancing, and demonstrating leadership skills, competencies, and aptitudes. Exposes students to practical situations in the management of current and practical patient care in diverse healthcare settings. Integrates organizational structure; methods of nursing care delivery; comparison of management and nursing processes; decision making; change; communication skills; interprofessional collaboration; team building; ethical considerations; interpersonal skills of effective nursing leadership and management; and organizational issues related to the quality of client, family, and personal outcomes.

Prerequisite(s): NRSG 3420 with a minimum grade of C or NRSG 3420 with a minimum grade of C or NRSG 3420 with a minimum grade of C

Attribute(s): NUpath Capstone Experience, NUpath Writing Intensive

NRSG 4970. Junior/Senior Honors Project 1. (4 Hours)

Focuses on in-depth project in which a student conducts research or produces a product related to the student's major field. Combined with Junior/Senior Project 2 or college-defined equivalent for 8-credit honors project. May be repeated without limit.

NRSG 4971. Junior/Senior Honors Project 2. (4 Hours)

Focuses on second semester of in-depth project in which a student conducts research or produces a product related to the student's major field. May be repeated without limit.

Prerequisite(s): NRSG 4970 with a minimum grade of D-

NRSG 4990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

NRSG 4991. Research. (4 Hours)

Offers an opportunity to conduct research under faculty supervision.

Attribute(s): NUpath Integration Experience

NRSG 4992. Directed Study. (1-4 Hours)

Offers independent work under the direction of members of the department on a chosen topic. Course content depends on instructor. May be repeated without limit.

NRSG 4995. Comprehensive Nursing Practicum. (2 Hours)

Prepares students to synthesize nursing knowledge, skills, and experience and facilitate their transition to professional nursing practice and case management of clients with health problems. Assists students to demonstrate leadership and collaborative skills in working with other members of the health-care team through a weekly precepted relationship with a RN. Includes clinical learning experiences

within hospital and community settings. Classwork includes a review of professional domains in all previous clinical courses in the nursing curriculum to prepare students for licensure.

Prerequisite(s): ([NRSG 3420](#) with a minimum grade of C or [NRSG 3420](#) with a minimum grade of C or [NRSG 3420](#) with a minimum grade of C); ([NRSG 3421](#) with a minimum grade of C or [NRSG 3421](#) with a minimum grade of C or [NRSG 3421](#) with a minimum grade of C); ([NRSG 4502](#) with a minimum grade of C or [NRSG 4502](#) with a minimum grade of C or [NRSG 4502](#) with a minimum grade of C); ([NRSG 4503](#) with a minimum grade of C or [NRSG 4503](#) with a minimum grade of C or [NRSG 4503](#) with a minimum grade of C); ([NRSG 4604](#) (may be taken concurrently) with a minimum grade of C or [NRSG 4604](#) (may be taken concurrently) with a minimum grade of C or [NRSG 4604](#) (may be taken concurrently) with a minimum grade of C); ([NRSG 4605](#) (may be taken concurrently) with a minimum grade of C or [NRSG 4605](#) (may be taken concurrently) with a minimum grade of C or [NRSG 4605](#) (may be taken concurrently) with a minimum grade of C)

Corequisite(s): [NRSG 4996](#)

NRSG 4996. Clinical for NRSG 4995. (3 Hours)

Offers students an opportunity to synthesize nursing knowledge, skills, and experience and facilitate their transition to professional nursing practice and case management of clients with health problems. Designed to assist students to demonstrate leadership and collaborative skills in working with other members of the healthcare team through a weekly precepted relationship with an RN. Includes clinical learning experiences within hospital and community settings.

Corequisite(s): [NRSG 4995](#)

NRSG 4998. Nursing Skills Continuation. (0 Hours)

Continues skills training requirements. May be repeated five times.

NRSG 4999. Clinical Continuation. (0 Hours)

Continues clinical requirements. May be repeated five times.

NRSG 5000. Advanced Perspectives in Wellness. (4 Hours)

Offers students an opportunity to explore wellness through both theoretical and experiential pathways. Introduces theories and models of holism, wellness, stress,

health promotion, health belief, and change as operational frameworks by which the student has an opportunity to reflect upon personal history, health and risk-taking behaviors, and lifestyle choices that influence health and well-being. Studies the art and science of self-care through both the emic and etic perspectives. Course topics include holistic lifestyle and health analysis, behavioral change, decision making, and stress/stress reduction. Embodied learning methodologies inform course delivery.

NRSG 5117. Advanced Pharmacology. (2 Hours)

Focuses on principles of pharmacology and the major drug classifications in relation to the treatment of health problems across the life span. Examines the effects of selected medications on pathophysiology and psychopathology. Emphasizes dose response, side effects/drug interactions, route of administration, and place in clinical therapy.

NRSG 5118. Healthcare System and Professional Role Development. (3 Hours)

Examines the role of the advanced practice nurse within the context of today's healthcare system. Focuses discussion on dimensions of the advanced practice nursing role, including intra/interdisciplinary collaboration, consultation, leadership, diversity, and accountability for quality care. Examines the healthcare system with special focus on social, political, economic, ethical, regulatory, research, and legal trends. Students are expected to evaluate the interaction between healthcare system issues and advanced practice role dimensions.

NRSG 5120. Statistics for Health Science. (3 Hours)

Focuses on applying formal reasoning to understand the underlying principles of statistics; how to select and conduct statistical tests; and how to interpret and use the results of data analysis in relation to research questions and research hypotheses.

Attribute(s): NUpath Analyzing/Using Data, NUpath Formal/Quant Reasoning

NRSG 5121. Epidemiology and Population Health. (3 Hours)

Examines the theoretical basis for identification and analysis of the distribution and determinants of health problems at community, national, and international population levels. Considers health disparities that exist among specific populations and the role of government in setting policies for health promotion and disease

prevention. Covers three topical areas: basic principles and population measures of epidemiology; epidemiologic study methods; and application of epidemiologic tools in interdisciplinary settings. Complements planned topics with current examples of population health issues. The goal is to understand the principles and practice of monitoring population health. Skills acquired assist advanced practice nurses, other clinicians, or administrators in critically evaluating new epidemiologic literature and in using the basic tools of epidemiology to assess population health and develop strategies for monitoring health improvement.

NRSG 5126. Pathophysiology for Advanced Practice. (3 Hours)

Covers content that provides current understanding of major disease processes across the life span. Builds on the knowledge of anatomy, physiology, biochemistry, microbiology, and immunology. Focuses on physiologic dysfunction; physiologic adaptation in maintaining the internal environment; and feedback mechanisms at the cellular, organ, and systems level. Seeks to provide students with a way of thinking about disease for each body system. Provides a comprehensive study of underlying concepts common to major pathophysiologic processes of the body, including specific diseases affecting the cardiovascular, endocrine, gastrointestinal, hematological, immunological, nervous, pulmonary, and renal systems.

NRSG 5220. Introduction to Research Methods and Application for Healthcare. (4 Hours)

Introduces students to the different types of research methodologies used by healthcare disciplines. Emphasizes designing research studies and application of research findings to practice within the student's particular discipline. Topics include foundations of research, ethical conduct of research, research methodologies, concepts of measurement, qualitative and quantitative research design, and the analysis and dissemination of research findings. Discusses the importance of research to both healthcare practitioners and consumers with an emphasis on patient-centered outcomes.

Attribute(s): NUpath Natural/Designed World, NUpath Writing Intensive

NRSG 5976. Directed Study. (1-4 Hours)

Allows student to develop an individualized plan to attain specific knowledge and skills related to professional goals. May consist of library study and reading,

individual instruction, research, practicum, or other appropriate activity as approved by instructor and academic adviser. May be repeated without limit.