

NURSING

NU-900 Individual Assessment

Bridge Program students only The RN with a B.S. or B.A. degree in a discipline other than nursing identifies individual learning outcomes in their Master's program of study.

1 Credit

NU-901 Community Health and Health Policy

Bridge Program students only This course analyzes the development of policy and its impact on the health of populations. Students apply epidemiology and public health science to population-based nursing practice.

3 Credits

NU-902 Transition to Advanced Nursing

Bridge Program students only Designed for registered nurses with bachelor's degrees in areas other than nursing, provides a common knowledge base including the community perspective as a foundation for graduate study in nursing. The realities of modern nursing practice are examined.

3 Credits

NU-908 Professional Role Development: Philosophical & Curricular Development In Nursing Education

This course provides the student with an overview of the role of the nurse educator and the philosophical, theoretical, legal, ethical, and professional foundations of nursing education. Content builds on philosophical traditions and influences, nursing theory, pedagogy and andragogy. These foundations provide the basis for an examination of the development of conceptual frameworks, curricula, and the teaching-learning process.

3 Credits

NU-910 Professional Role Development

The role of the advanced public health nurse is analyzed in terms of professional scope of practice, standards of practice and components of the role. This course provides a framework for advanced nursing practice.

3 Credits

NU-920 Conceptual Foundations of Nursing

This course concentrates on the philosophical basis of theory development and application. Students are introduced to the levels of theory building, concept formation and the elements of a model while considering the values and goals of nursing actions.

3 Credits

NU-925 Research for Evidence-Based Practice

Prerequisites: NU-946

Students build upon previous learning of research design, methods and process. The critical relationship of research to nursing as a science, as well as its development as a professional discipline is emphasized.

3 Credits

NU-930 Social Policy and the Economics of the Health Care Delivery System

This course provides the student with the knowledge necessary to comprehend the political, economic and social elements that affect health and health services. The student develops an understanding of the regulatory environment and its impact on the delivery of nursing care.

3 Credits

NU-936 Epidemiology

Evaluation of epidemiological principles and techniques of investigation; measures of incidence and prevalence applied to health risk, morbidity and mortality in specific populations.

3 Credits

NU-937 Advanced Health Assessment

This course provides the nurse educator student with the theoretical and clinical knowledge required to teach health assessment to students enrolled in basic nursing education programs. Includes principles of health assessment throughout the lifespan with an emphasis on problem-based and student-centered learning.

3 Credits

NU-938 Advance Concepts in Physiology and Pathophysiology

This course is designed to present an orientation to disease as disordered physiology. Course focus is on pathological conditions encountered in clinical practice across the life span. Emphasis is placed on regulatory and compensatory mechanisms as they relate to commonly occurring diseases. The influence of environmental and genetic factors on the development of disease will be examined.

3 Credits

NU-939 Advanced Concepts in Pharmacology

This course focuses on the pharmacologic principals important to nursing practice including: pharmacokinetics, pharmacodynamics, and pharmacogenomics, and major drug classifications from the perspective of the Nurse Educator. This course will explore strategies for teaching pharmacological concepts to pre-licensure nursing students. Emphasis is placed on the utilization and application of the nursing process in the teaching of pharmacology and safe administration of medications.

3 Credits

NU-941 Program Planning & Evaluation

Program Planning and Evaluation is an inter-disciplinary course to facilitate students learning in the design, development and monitoring of multi-level strategies that promote movement toward optimal health and social justice for diverse ethnic populations and communities.

3 Credits

NU-942 Practicum in Teaching & Learning I

Prerequisites: Students must be matriculated in the master's of science in nursing education program and have completed NU908, NU937, and NU939. Students matriculated in the post-masters certificate are waived from these prerequisites.

This course examines driving societal forces for technology integration in nursing education, as well as a variety of teaching strategies utilized in today's learning environment. The student is provided with the opportunity to apply knowledge gained through a diverse practicum experience. Students will complete a minimum of 60 hrs. Using theories of education, students will discuss and evaluate the use of teaching and learning strategies, as well as quality improvement and patient safety in clinical practicum settings.

4 Credits

NU-943 Practicum in Teaching & Learning II

LASC Categories: NLL

Prerequisites: NU-908 NU-937 NU-939 NU-942

This course builds upon the practicum experience of NU942 combining both didactic and clinical components. Students will complete a minimum of 65 hrs. The student is provided the opportunity for continued implementation of the components of the educator role under the guidance of a preceptor in an educational setting.

4 Credits

NU-946 Biostatistics

This course links statistical methods to epidemiology and ultimately, to practice issues in diverse cultural populations and communities. Students draw upon knowledge acquired from the physical science to interpret and summarize statistical data in meaningful ways.
3 Credits

NU-951 Nursing Leadership & Administration

Provides the student with the necessary skills to integrate appropriate business, economic, financial, leadership and management concepts into effective strategies to effect change in nursing education and healthcare organizations.
3 Credits

NU-952 Public and Population Health Nursing Theory and Practice

Public and population health nursing is shaped by social, behavioral, cultural, and demographic factors that impact healthcare at multiple levels. In this course, students develop an understanding of the history of public health and public health nursing, public health law and ethics, system infrastructure, and health equity and health disparities. Students analyze theories and research that will assist them in understanding the social determinants of health. Students develop models to assess and deliver healthcare to promote a culture of health in identified populations. Pre-requisite: Program of Study and University Orientation Preparation modules online for students taking the course
3 Credits

NU-953 Public and Global Health Policy, Politics, and Progress

In this course, students examine the role of federal, state, and local government in the assurance of public health through health policy and law. Consideration is given to contemporary policy, law and regulatory issues arising in public health practice, as well as to the economics and financing of public health programs. Advocacy, political, and creative processes as they relate to the formulation, implementation, and modification of health policy are examined and discussed. Students also learn how to structure and write a health policy analysis.
3 Credits

NU-954 Essentials of Evidence-Based Practice in Public and Population Health

Nurses base practice on sound and tested evidence to ensure the safety, high quality, and cost-effectiveness of patient care. Students have the opportunity to gain a better understanding of the development and relationship of nursing theory, research, and public and population health nursing practice. Students explore the role of nursing theory in both research and practice. They examine research literature to differentiate and critique various research designs, including quantitative, qualitative, and mixed-method models; appraise statistical data; and analyze evidence. Critical evaluation of research for decision-making to enhance public and population health practice is emphasized.
3 Credits

NU-955 Epidemiology and Population Health

Students in this course are provided with an overview of epidemiologic methodology in the study of the distribution and etiology of disease and health-related conditions in human populations. Students examine common epidemiologic study designs and discuss the strengths and weaknesses inherent in each. They explore and discuss select global problems, such as the global burden of communicable and non-communicable disease, environmental threats to health, bioterrorism, and effects of disasters and emergencies. Students will apply epidemiologic and biostatistical methods to study factors related to aggregate, population, and individual health.
3 Credits

NU-956 Informatics and Data Science for Population and Public Health

Prerequisites: NU-952 and NU-953 and NU-954 and NU-955.
This course introduces population and public health informatics, the field devoted to the optimal use of data, information, and knowledge to advance individual health, health care, public health, and health-related research. Healthcare research topics covered include evidence-based practice, use of large databases, data mining, consumer information, health promotion and maintenance, and quality assessment. The management of health data in the achievement of healthcare organization objectives is emphasized. Students will learn the application of informatics in areas of public health, including surveillance, prevention, preparedness, and health promotion. Application activities will include public and population health data analysis, visualization of data.
3 Credits

NU-957 Public and Population Health Nursing Leadership

Prerequisites: NU-952, NU-953, NU-954 and NU-955.
The development of leadership strategies is imperative to the delivery of high-quality, population-based care by the public health system. Students address the application of principles and theories of leadership and management in a public health setting as well as the skills needed for nurses to provide effective leadership across agency partnerships at the local, state, national, and international levels. Special focus is placed on developing collaborative partnerships, systems-based thinking, evidence-based decision making, organizational problem-solving, public health finance and budgeting, accreditation, emergency preparedness, and global health competencies.
3 Credits

NU-958 Global Perspectives on Health and Environment

Prerequisites: NU-952, NU-953, NU-954 and NU-955.
Students are introduced to current public health issues and challenges affecting vulnerable populations around the globe. Particular emphasis is given to the environmental, social, and economic determinants of health and possible intervention strategies for addressing the global burden of disease. Students examine causal links between chemical, physical, and biological hazards in the local and global environment and their impact on health. Using theories, frameworks and methods presented in the course, students assess current solutions and consider new ways to address strategies to promote human health and justice in light of environmental threats, such as waste, water, air, vectors, and global warming as well as issues related to bioterrorism and disaster preparedness and management.
3 Credits

NU-959 Genetics and Genomics in Public and Population Health

In this course, students will understand the emerging science of genetics and genomics in public and population health. Students will gain insight of conditions and environmental forces on health from natural and acquired genetic and genomic perspectives. Focusing on screening for genetic risk factors and environmental impacts on the genome the student will describe both local, regional and worldwide impacts.
3 Credits

NU-961 Nursing Science I: Community/ Public Health Leadership Theory and Practicum I**LASC Categories:** NLL

This course provides the community/ public health nurse graduate student with opportunities to synthesize their clinical knowledge and expertise with theory to improve health outcomes of all populations. By addressing current public health issues through the application of systematic-level approaches, students will develop a mastery of population assessment, prevention strategies, health policy & advocacy, and interprofessional collaboration.

6 Credits

NU-962 Program Planning and Evaluation for Public and Population Health

Students in this course develops competency in the design, implementation, and evaluation of strategic and program planning. They receive an overview of public health program planning and development, as well as needs and asset assessment. Students focus on the methods required to develop, implement, and evaluate a strategic plan. Students discuss the administration and coordination of public and population health program interventions and activities, and they explore the variety of methods used to facilitate public health research (quantitative, qualitative, and/or mixed-methods) in practice settings. Students engage in course assignments that focus on real-world nursing practice applications of theory.

3 Credits

NU-963 Population-Based Public Health Nursing Interventions

In this course, students continue to develop specialized knowledge and skills in advanced public health nursing (PHN) and the delivery of population healthcare within the context of interprofessional practice. Students gain a greater understanding of public health & population health informatics, environmental health issues, evidence-based public health, and the role of advocacy for policy and social change. The focus of the course is on the assessment and development of culturally sensitive interventions targeted at community and population levels through a practicum experience. Must complete before NU 964. A minimum of 60 practicum hours is required.

Other or on demand and every year. 4 Credits

NU-964 Applied Project in Public and Population Health**Prerequisites:** Last course. May be taken with NU 962 NU 959 if a full time student. NU 963 must be completed prior to this course.

As a culminating experience, MPH students are provided the opportunity to demonstrate their ability to synthesize and integrate advanced knowledge and skills acquired throughout the program and to apply theory and principles in a public health project focused on social change. For this project, students write a grant proposal for a public health initiative or create a community health program plan. The project must address the needs of a specific population in the student's field site community. Students are also required to describe how the ANCC Advanced Public Health Nursing Scope and Standards were demonstrated while carrying out the project. A minimum of 65 practicum hours will be required as part of this course.

Other or on demand and every year. 4 Credits

NU-966 Nursing Science II: Community/Public Health Leadership Theory and Practicum II**LASC Categories:** NLL

This course provides the community health graduate nursing student with the opportunity to evaluate the various processes which are utilized to address multiple determinants of health and participate in the in the challenges of attaining and maintaining population health. Selected clinical practices encourage the student to utilize theory, research, and information technology to manage and evaluate program effectiveness and provide leadership for emerging advances in population health and health care. Students will be prepared to lead the delivery and evaluation of high quality, evidence-based, and population-centered care.

6 Credits