

# NURSING (NSG)

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## **NSG 1000 - Nursing Assistant Training Course - 0 cr.**

Nursing assistant training course that is online hybrid. Prepares student to take examination to become a certified nursing assistant (CNA) through the Minnesota Department of Health. Course consists of theory (online), lab and clinical (on campus).

## **NSG 1777 - Topics in Nursing - 0 cr.**

## **NSG 2050 - Nutrition for Health and Wellness - 2 cr.**

Focuses on the basic principles of nutrition from a holistic nursing perspective to include the individual, community, and the environment. The role of nutrition in the promotion of health, disease prevention, and the disease process are explored.

## **NSG 2777 - Topics in Nursing - 0-8 cr.**

Topics.

## **NSG 3050 - Healthcare Research and Appraisal (Integrations : VIOP - Electives) - 4 cr.**

Explores the role of nurses as critical consumers of scientific evidence to facilitate health and wellness for individuals, populations, and the nursing profession. Learners will develop foundational appraisal skills to guide practice. Additional topics include: utilizing databases, scholarly writing principles, research methodology, statistical interpretation, and ethical research practices. The course culminates with learners writing a critical appraisal of literature regarding a health care topic with attention to our Benedictine values.

## **NSG 3111 - Professional Nursing & Health Care II - 2 cr.**

Introduces the nursing student to principles of evidence-based nursing practice, and the use of technology and informatics to seek and analyze knowledge that influences nursing practice. Students will explore how professional communication within the interdisciplinary healthcare team influences safety and patient/family/community health outcomes. Students will develop a deeper understanding of clinical judgment and its application to nursing practice.

**Prerequisite Courses:** BIO 2020 and BIO 2520 and HSC 2215

## **NSG 3112 - Professional Nursing & Health Care III - 3 cr.**

Explores intermediate level concepts of professional nursing role development including culture, caregiving, patient education and care coordination for individuals and families. Nursing informatics principles are used to identify, define, manage and communicate data, information, and knowledge in nursing practice. Health literacy is explored in the context of patient education. This course introduces nursing students to the role of nurses in ambulatory care settings. This course is 3 credits (2.5 theory and 0.5 credits of ambulatory care clinical experience).

**Prerequisite Courses:** NSG 3111 and NSG 3334 and NSG 3370 and PSY 3331

## **NSG 3150 - Professional Nursing I - 2 cr.**

Introduces learners to the nursing profession and cultivates professional role development. Learners will develop a basic understanding of nursing history, ethics, patient-centered care, and spirituality.

## **NSG 3158 - Professional Nursing II - 3 cr.**

Explores the role of the professional nurse as a member of the interdisciplinary healthcare team. Learners will practice communication and collaboration strategies that influence safety and health outcomes. Learners will develop a deeper understanding of clinical judgment and its application to nursing practice. Learners will analyze the roles technology and informatics have in the healthcare industry.

**Prerequisite Courses:** NSG 2050 and NSG 3050 and NSG 3150 and NSG 3250 and NSG 3350 and NSG 3450

## **NSG 3222 - Recipient of Care Across the Lifespan II: Families and Communities - 3.5 cr.**

This course transitions students toward caring for family and community. Focused topics include examining determinants of health in terms of modifiable and non-modifiable risk factors, impact of culture/inclusivity, family dynamics, and concept of caregiving.

**Prerequisite Courses:** NSG 3111 and NSG 3334 and NSG 3370 and PSY 3331

## **NSG 3250 - Recipients of Care I - 2 cr.**

Introduces foundational concepts to promote and protect health, prevent disease and injury, and improve the overall quality of life for all people. This is accomplished by examining the growth and development of individuals through each stage of the lifespan.

## **NSG 3258 - Recipients of Care II - 3 cr.**

Expands understanding of care recipients by examining individual and social factors related to health and wellness. Social determinants of health will be explored to provide insights into vulnerable populations and the roles of the nurse. Learners will explore concepts central to psychosocial integrity including mood, affect, anxiety, depression, addiction, grief and loss, psychosis, caregiving, and family dynamics.

**Prerequisite Courses:** NSG 2050 and NSG 3050 and NSG 3150 and NSG 3250 and NSG 3350 and NSG 3450

## **NSG 3334 - Health Continuum II: Individual Physiologic Responses - 0,6 cr.**

Focuses on the individual's response to health and illness challenges across the lifespan. Concepts covered are metabolic changes, fluid and electrolytes, acid base balance, gas exchange, perfusion, tissue integrity, nutrition, elimination, infection, and safe medication administration. Students will apply principles of therapeutic communication, physical assessment, safe nursing skills and interventions utilizing current evidence-based practice and information technologies. This course is a total of 6 credits; 3 credits of classroom/ theory, 2 credits of skills/ simulation lab and 1 credit of clinical.

**Prerequisite Courses:** BIO 2020 and BIO 2520 and HSC 2215

**NSG 3337 - Health Continuum III: Psychosocial Responses - 0,5.5 cr.**

Focuses on the assessment and the health promotion of individuals, childbearing families and communities experiencing psychosocial health transitions. This course incorporates increasingly complex critical thinking and therapeutic communication skills, as well as care management for individuals experiencing stressful transitions across the lifespan. Nursing care that promotes and supports the emotional, mental, and social well-being of the client experiencing stressful events, as well as clients with acute and/or chronic mental illness will be examined. The health needs of families during the prepartum, intrapartum and postpartum periods will be explored. Concepts examined are grief and loss, mood and affect, anxiety, addictions, psychosis, interpersonal violence, sexuality and reproduction. This course is a total of 5.5 credits; 3.0 credits of classroom/ theory, 1.5 credits of clinical/simulation and 1 credit of lab.

**Prerequisite Courses:** NSG 3111 and NSG 3334 and NSG 3370 and PSY 3331

**NSG 3350 - Health Continuum I - 2 cr.**

Introduces foundational concepts and principles integral to the nursing process and the continuum of health that will be developed throughout the program. Learners will explore concepts of thermoregulation, pain, mobility, and safety.

**NSG 3355 - Evidence-Based Practice and Research in Nursing (Integrations : VIOP - Electives) - 4 cr.**

Emphasizes the role of the nurse as a critical consumer of research findings for the purpose of improving nursing practice. Students explore the relationships between nursing research and evidence-based practice, as well as the impact that information technology has on nursing practice.

**Prerequisite Courses:** NSG 3361

**NSG 3358 - Health Continuum II - 4 cr.**

Develops and refines foundational concepts and principles integral to the nursing process and the continuum of health. Learners will explore concepts of perfusion, gas exchange, acid/base balance, nutrition, elimination, fluid and electrolyte balance, and metabolic processes.

**Prerequisite Courses:** CHM 1040 and NSG 2050 and NSG 3050 and NSG 3150 and NSG 3250 and NSG 3350 and NSG 3450

**NSG 3361 - Dimensions of Professional Nursing - 4 cr.**

Presents an overview of professional nursing practice, focusing on the roles and characteristics of the baccalaureate nurse that are requisite in a changing health care delivery system. Theory and philosophy of nursing will be emphasized and historical perspectives that have had an impact on the profession explored.

**NSG 3370 - Pathopharmacology for Nursing Practice - 3 cr.**

Introduces foundational concepts in human physiology, common deviations from normal body function, and clinical manifestations of altered physiologic balance, as well as complementary pharmacology related to pathophysiological concepts. Emphasis is on understanding and applying new knowledge in the analysis and treatment of common clinical presentations encountered by the registered nurse across the lifespan.

**Prerequisite Courses:** BIO 2020 and BIO 2520 and HSC 2215

**NSG 3450 - Nursing Practicum I - 1 cr.**

Applies the nursing process emphasizing clinical judgment to safely, effectively, and holistically care for clients across the lifespan by engaging in skills lab and simulations. Learners will develop and practice skills related to therapeutic communication, physical assessment, integrative approaches to care, medication administration, and other foundational nursing skills.

**NSG 3458 - Nursing Practicum II - 3 cr.**

Applies the nursing process to provide care to clients across the lifespan who are acutely ill. Learners will develop skills in the lab and integrate these skills into their practice in simulation. Learners will develop and practice skills related to communication, focused assessments, medication administration, foundational nursing skills, and planning care for clients in simulation and the acute care clinical setting. Learners will care for clients in the acute care clinical setting.

**Prerequisite Courses:** NSG 2050 and NSG 3050 and NSG 3150 and NSG 3250 and NSG 3350 and NSG 3450

**NSG 3777 - Independent Study - 0-4 cr.**

Topics.

**NSG 3999 - Independent Study - 0-4 cr.**

Independent study in nursing.

**NSG 4112 - Professional Nursing and Health Care IV - 0-4 cr.**

Explores holistic nursing leadership roles for the entry level baccalaureate nurse. Concepts in this course include leadership, healthcare quality from a systems perspective, health policy, and health care law. Topics include health care organizations and economics, and professional career management. This course examines health inequity including social determinants of health (e.g., socioeconomic status, educational level, geographic, race, gender, sexual orientation and others) as they relate to health policy and healthcare systems.

**Prerequisite Courses:** NSG 3222 and NSG 3337 and NSG 3112 and PSY 3331

**NSG 4113 - Professional Nursing & Health Care V - 0,5 cr.**

Transitions students to professional nurse through active classroom learning activities and simulation. Students will synthesize knowledge, skills, and attitudes from their classroom and clinical experiences in concurrent capstone coursework. Promotes socialization into professional nursing practice. Prepares for NCLEX-RN licensure exam.

**Prerequisite Courses:** NSG 4112 and NSG 4222 and NSG 4337

**NSG 4222 - Nursing Care Across the Lifespan III: Populations, Community, and World - 3 cr.**

Examines public health concepts from a local, national and global perspective. Application of public health principles will be applied to community-based nursing practice. Focused topics include examining disaster and bioterrorism preparation and response, by studying current trending global disease, how the environment impacts health, and comparing and contrasting nursing care for urban, rural, and underserved populations. Application of community assessment, social determinants of health, and public health frameworks will guide the creation and implementation of community health projects.

**Prerequisite Courses:** NSG 3112 and NSG 3222 and NSG 3337 and PSY 3331

**NSG 4337 - Health Continuum IV: Responses to Complex Illness - 0-6 cr.**

Focuses on the practice of holistic nursing for individuals and families experiencing multi-system illness. Complex concepts will be explored which include: cellular regulation, immunity/inflammation, clotting, cognition and intracranial regulation.

**Prerequisite Courses:** NSG 3337 and NSG 3222 and NSG 3112 and PSY 3331

**NSG 4437 - Health Continuum V: Capstone - 0,3 cr.**

Facilitates the transition from student to professional nurse. The student will be immersed in clinical settings supervised by professional nurse preceptors. These experiences will develop clinical reasoning skills and promote socialization into the nursing profession. Students may be assigned to a variety of healthcare organizations and may care for diverse patient populations. Select students will experience international service learning integrated into their capstone placement.

**Prerequisite Courses:** NSG 4112 and NSG 4222 and NSG 4337

**NSG 4447 - Transcultural Nursing - 0-2 cr.**

Apply principles of public health and service-learning in a cultural immersion experience to meet the identified needs of vulnerable populations. Faculty consent required.

**Prerequisite Courses:** will vary depending on program.

**NSG 4472 - Leadership in Nursing - 4 cr.**

Provides an analysis of historical and current issues affecting professional nursing practice. Professional nursing in a changing health care delivery system is examined from a leadership perspective.

**Prerequisite Courses:** NSG 3355 and NSG 3361

**NSG 4510 - Lifespan Nursing I - 4 cr.**

Examination of holistic nursing care across the lifespan for clients experiencing selected health alterations in diverse persons and populations grounded in evidence based practice.

**NSG 4515 - Lifespan Nursing II - 2 cr.**

Continuation of Lifespan I examining holistic nursing care across the lifespan for clients experiencing selected health alterations in diverse persons and populations grounded in evidence based practice.

**Prerequisite Courses:** NSG 4510 and NSG 4630 and NSG 4810

**NSG 4520 - Lifespan Nursing III - 4 cr.**

Examination of holistic nursing care across the lifespan for clients experiencing selected health alterations in diverse persons and populations grounded in evidence based practice.

**Prerequisite Courses:** NSG 4805 and NSG 4510 and NSG 4515 and NSG 4630 and NSG 4632 and NSG 4810 and NSG 4820

**NSG 4525 - Lifespan Nursing IV - 2 cr.**

A continuation of Lifespan I, II, and III examining holistic nursing care across the lifespan for clients experiencing selected health alterations in diverse persons and populations grounded in evidence based practice.

**Prerequisite Courses:** NSG 4510 and NSG 4630 and NSG 4810 and NSG 4805 and NSG 4515 and NSG 4632 and NSG 4820 and NSG 4520 and NSG 4634 and NSG 4830

**NSG 4530 - Lifespan Nursing V - 2 cr.**

A continuation of Lifespan I, II, III, and IV examining holistic nursing care across the lifespan for clients experiencing selected health alterations in diverse persons and populations grounded in evidence based practice.

**Prerequisite Courses:** NSG 4510 and NSG 4515 and NSG 4520 and NSG 4525 and NSG 4630 and NSG 4632 and NSG 4634 and NSG 4636 and NSG 4805 and NSG 4810 and NSG 4820 and NSG 4830 and NSG 4860

**NSG 4555 - Nursing Internship - 0-4 cr.**

Internship.

**NSG 4560 - Population-Based Care - 5 cr.**

Applies public health principles to population-based practice at individual, community, and system levels. Students develop skills in community assessment, planning, and collaboration to promote, protect and preserve the public's health. Public health is examined from local, national and global perspectives. This course meets the Minnesota Board of Nursing requirements for certification as a public health nurse.

**Prerequisite Courses:** NSG 3355 and NSG 3361

**NSG 4570 - Theory: Population Care - 4 cr.**

Applies public health principles to nursing practice from a population-based individual, community and system level. This course examines public health from a local, national and global perspective. This course does not meet Minnesota Board of Nursing requirements for certification as a public health nurse. Certification requires the additional 1 credit clinical course, NSG 4571.

**Prerequisite Courses:** NSG 3361 and NSG 3355

**NSG 4571 - Clinical: Population Care - 1 cr.**

Practices assessment of communities' assets and liabilities in meeting the needs of vulnerable populations with the goal of improving their health. Successful completion of this clinical course, combined with NSG 4570 or public/community health theory based equivalent course, will meet the MN Board of Nursing requirements for certification as a public health nurse.

**Prerequisite Courses:** NSG 4570 and NSG 3361 and NSG 3355

**NSG 4580 - Holistic Assessment in Nursing - 4 cr.**

Builds on assessment information from the associate degree/diploma level of nursing education. The holistic health assessment needs of culturally diverse, rural and unique populations, are examined. Family assessment and environmental assessment are introduced.

**Prerequisite Courses:** NSG 3361

**NSG 4590 - RN to BS Portfolio Introduction - 4 cr.**

Introduces the RN to BS student to the Nursing Portfolio guidelines and provides faculty guidance for completion of the two introductory portfolio objectives with supporting documentation. Addresses critical thinking, the development of a personal philosophy of nursing, career planning, and the use of self-reflection in portfolio narratives.

**Prerequisite Courses:** NSG 3355 and NSG 3361

**NSG 4630 - Practicum I - 1 cr.**

Introduces and applies the nursing process emphasizing clinical judgment to safely, effectively, and holistically care for clients across the lifespan by engaging in skills and simulations.

**NSG 4632 - Practicum II - 3 cr.**

Applies the nursing process emphasizing clinical judgment to safely, effectively, and holistically care for clients across the lifespan by engaging in skills and simulations and through a faculty led acute care clinical.

**Prerequisite Courses:** NSG 4510 and NSG 4630 and NSG 4810

**NSG 4634 - Practicum III - 1.5 cr.**

Applies the nursing process emphasizing clinical judgment to safely, effectively, and holistically care for clients across the lifespan by engaging in skills and simulations and through a precepted ambulatory care clinical.

**Prerequisite Courses:** NSG 4805 and NSG 4510 and NSG 4515 and NSG 4630 and NSG 4632 and NSG 4810 and NSG 4820

**NSG 4636 - Practicum IV - 3.5 cr.**

Applies the nursing process emphasizing clinical judgment to safely, effectively, and holistically care for clients in a rural health preceptor led clinical experience and a faculty led acute care clinical experience.

**Prerequisite Courses:** NSG 4525 and NSG 4860

**NSG 4638 - Practicum V - 1 cr.**

Applies the nursing process emphasizing clinical judgment with clients experiencing increasingly complex health alterations through simulations demonstrating safe, effective, and holistic care across the lifespan.

**Prerequisite Courses:** NSG 4510 and NSG 4515 and NSG 4520 and NSG 4525 and NSG 4630 and NSG 4632 and NSG 4634 and NSG 4636 and NSG 4805 and NSG 4810 and NSG 4820 and NSG 4830 and NSG 4860

**NSG 4640 - Practicum VI: Capstone Clinical - 3,4 cr.**

Synthesis of the nursing process, critical thinking, and clinical judgment to apply safe, effective, and holistic care through a precepted clinical immersion experience preparing for transition to professional nursing practice.

**Prerequisite Courses:** NSG 4510 and NSG 4515 and NSG 4520 and NSG 4525 and NSG 4530 and NSG 4630 and NSG 4632 and NSG 4634 and NSG 4636 and NSG 4638 and NSG 4805 and NSG 4810 and NSG 4820 and NSG 4830 and NSG 4860 and NSG 4865 and NSG 4875

**NSG 4670 - Nursing Care of the Critically Ill Client - 2 cr.**

Provides nursing fundamentals in the care of patients experiencing critical care. The course requires synthesis of pathophysiologic, pharmacologic, and therapeutic concepts. Utilization of family theory, stress-adaptation, psychosocial concepts and legal/ethical issues are incorporated throughout. Corequisite: Any 4000 level Post Baccalaureate Nursing course

**NSG 4777 - Nursing Elective - 0-16 cr.**

Investigation of topics related to professional nursing.

**NSG 4801 - Interprofessional Care Coordination of Veterans - 0,2 cr.**

A seminar course presented in four modules incorporating the Interprofessional Education Collaborative (IPEC) core competencies: roles and responsibilities, values and ethics, interprofessional communication, teams and teamwork.

**Prerequisite Courses:** PSY 3331 and NSG 3222 and NSG 3337 NSG 3112

**NSG 4805 - Introduction to Nursing Practice - 1 cr.**

Introduces foundational concepts and principles integral to the nursing process that will be further emphasized throughout the PBN program in preparation for nursing practice.

**NSG 4810 - Professional Nursing I - 2 cr.**

Introduces professional concepts, principles and practices essential to baccalaureate nursing.

**NSG 4820 - Professional Nursing II - 2 cr.**

Builds and expands on professional concepts, principles and practices essential to baccalaureate nursing introduced in Professional Nursing I.

**Prerequisite Courses:** NSG 4510 and NSG 4630 and NSG 4810

**NSG 4830 - Professional Nursing III - 2 cr.**

Builds and expands on professional concepts, principles and practices essential to baccalaureate nursing introduced in prior professional nursing courses.

**Prerequisite Courses:** NSG 4515 and NSG 4632 and NSG 4820 and NSG 4810 and NSG 4805

**NSG 4860 - Population Based Healthcare I - 2 cr.**

Introduces the concept of population-based practice and builds upon selected concepts from a public health context. Successful completion of this course, combined with the Population Based Care course, will meet the MN Board of Nursing requirements for certification as a public health nurse.

**Prerequisite Courses:** NSG 4805 and NSG 4510 and NSG 4515 and NSG 4630 and NSG 4632 and NSG 4810 and NSG 4520 and NSG 4634 and NSG 4820 and NSG 4830

**NSG 4865 - Population Based Healthcare II: Clinical Application - 3 cr.**

Applies community assessment and the delivery of population-based care in meeting the needs of the community. Through simulation, civic engagement in the community, and various learning activities, students gain competency in public health nursing practice. Successful completion of this clinical course, combined with the Community Theory course will meet the MN Board of Nursing requirements for certification as a public health nurse.

**Prerequisite Courses:** NSG 4510 and NSG 4515 and NSG 4520 and NSG 4525 and NSG 4630 and NSG 4632 and NSG 4634 and NSG 4636 and NSG 4805 and NSG 4810 and NSG 4820 and NSG 4830 and NSG 4860

**NSG 4875 - Transition to Nursing Practice - 1 cr.**

Builds and expands on professional concepts, principles and practices essential to baccalaureate nursing introduced in prior professional nursing courses.

**Prerequisite Courses:** NSG 4510 and NSG 4515 and NSG 4520 and NSG 4525 and NSG 4630 and NSG 4632 and NSG 4634 and NSG 4636 and NSG 4805 and NSG 4810 and NSG 4820 and NSG 4830 and NSG 4860

**NSG 4888 - Prior Learning Assessment: RN License - 13 cr.**

Provides an opportunity for the Registered Nurse (RN) student to receive nursing credits for the major based on prior learning assessment using passing of the NCLEX- RN licensure exam and thus attainment of an RN license.

**NSG 4990 - RN to BS NSG Portfolio Continuation - 0 cr.**

Maintains active student status, until the RN to BS Nursing Portfolio is complete and all graduation requirements have been met. A course fee will be attached to this course.

**Prerequisite Courses:** NSG 4590



**NSG 4998 - RN to BS Nursing Portfolio - 13 cr.**

Provides an opportunity for the RN student to obtain nursing credits for the major based on prior RN experience, using a portfolio. Graduation requirements mandate the completion of 15 total credits for the nursing portfolio. (2 cr. NSG 4590, 13 cr. NSG 4998)

**Prerequisite Courses:** NSG 4590

**NSG 4999 - Independent Study - 0-4 cr.**

With faculty approval and advisement, self-directed student planning, implementation, evaluation and reporting of an independent learning experience focused on professional nursing.

**NSG 6450 - Introduction to Health Informatics - 3 cr.**

A foundational and practical introduction to the concepts of health care informatics and technology as it supports health care delivery, education, research, and administration. Focus will include the role and impact of the nurse informatician. Based on courses objectives, a minimum of 45 supervised practicum hours are required in collaboration with an appropriate agency and mentor.

**NSG 8110 - Introduction to the DNP - 3 cr.**

Provides a framework for DNP-prepared nurses to play a leading role in health care transformation, as well as the tools to make those changes. Topics covered during the course include nursing science and theory, evidence-based practice, leadership and interprofessional collaboration, nursing informatics, scholarly writing to promote change, emerging DNP roles such as the nurse educator, and the development of the DNP scholarly project. Provides students with the foundation necessary to enter into the highest level of advanced practice nursing and develop that practice for the benefit of both their patients and the health of the country and world.

**NSG 8120 - Introduction to Clinical Practice - 2 cr.**

Provides foundational and advanced specialty knowledge for advanced clinical practice through development of core competencies in communication and clinical judgment.

**Prerequisite Courses:** NSG 8152 and NSG 8217 and NSG 8670

**NSG 8152 - Pathophysiology for Advanced Clinical Practice I - 2 cr.**

Introduces advanced concepts in human physiology and common deviations from normal body function across the lifespan within the context of APRN clinical practice. Provides a scientific foundation in understanding the mechanism(s) of disease and related clinical manifestations, diagnostic testing, interventions, and evaluation to the disease process.

**NSG 8154 - Pathophysiology for Advanced Clinical Practice II - 2 cr.**

Builds on information from Pathophysiology I to present more complex concepts in human physiology and common deviations from normal body function across the lifespan within the context of APRN clinical practice. Emphasis is on developing clinical reasoning skills to understand how the disease process influences assessment, treatment, and evaluation.

**Prerequisite Courses:** NSG 8152 and NSG 8217 and NSG 8670

**NSG 8201 - Clinical Project I - 3 cr.**

Integrate knowledge required to design, implement, and evaluate an evidence-based clinical practice change and/or healthcare system change that will positively impact population health. Students critically review literature and appraise evidence related to a clinical problem of interest and perform a needs assessment and organizational analysis of a potential project site. Clinical Experience Description: Provides the opportunity for students to obtain 150 hours towards the AACN requirement of 1,000 post-Baccalaureate hours of mentored clinical and/or organizational leadership experience. Students will integrate the DNP role through a variety of clinical practice experiences that meet the AACN Essentials. Clinical experiences align to individual professional goals in areas of leadership, business, policy, information technology, education, population health, and DNP project preparation.

**NSG 8206 - Clinical Project II - 3 cr.**

Integrates knowledge required to design, implement, and evaluate an evidence-based clinical practice change and/or healthcare system change that will positively impact population health. This course focuses on the development of project methodology, implementation, and evaluation plans. Students will apply principles of outcomes research while refining, developing, completing, and defending the DNP clinical project proposal. The successfully defended proposal is followed by IRB application. Implementation of the project begins following IRB approval. Clinical Experience Description: Provides an opportunity for students to obtain 150 hours towards the AACN requirement of 1,000 post-Baccalaureate hours of mentored clinical and/or organizational leadership experience. Students will integrate the DNP role through a variety of clinical practice experiences related to the AACN Essentials. Clinical experiences align to individual professional goals in areas of leadership, business, policy, information technology, education, population health, and DNP project preparation.

**Prerequisite Courses:** NSG 8201 and NSG 8470

**NSG 8207 - Clinical Project III - 2,3 cr.**

Focuses on continued implementation, evaluation, completion, and final defense of an evidence-based clinical practice change and/or healthcare system change to positively impact population health. Students complete implementation and evaluation, analyze data, organize findings, and disseminate results in manuscript or poster format and in a podium presentation at a departmental project symposium. Students work independently under the guidance of a faculty chair, project team member, and agency sponsor to complete the final DNP project. Clinical Experience Description: Provides an opportunity for students to obtain 150 hours towards the AACN requirement of 1,000 post-Baccalaureate hours of mentored clinical and/or organizational leadership experience. Students will integrate the DNP role through a variety of clinical and/or organizational leadership experiences related to AACN Essentials. Clinical experiences align to individual professional goals in areas of leadership, business, policy, information technology, education, population health, and DNP project completion.

**Prerequisite Courses:** NSG 8206

**NSG 8213 - Evidence Based Practice & Health Outcomes - 3 cr.**

Prepares students with foundational skills and competencies for practice inquiry and the critical appraisal of evidence to improve health quality, safety, and outcomes. Emphasizes the essential elements of evidence-based practice, including formatting clinical questions in advanced practice nursing roles, searching and appraising evidence, integrating evidence into practice, and evaluating outcomes. Includes applying current theoretical models and research to clinical practice problems.

**NSG 8217 - Lifespan Health Assessment I - 2 cr.**

Advanced physical, psychological, social, and developmental skills necessary for advanced nursing practice with patients across the lifespan. Provides foundational principles and techniques of data collection, communication, and physical examination.

**NSG 8219 - Lifespan Health Assessment II - 2 cr.**

Further develops advanced physical, psychological, social, and developmental skills necessary for advanced nursing practice with patients across the lifespan. Emphasizes principles and techniques of data collection, communication, and physical examination.

**Prerequisite Courses:** NSG 8152 and NSG 8217 and NSG 8670

**NSG 8220 - Health Care Management IV: Women's Reproductive Health - 2 cr.**

Implements the role of the primary care nurse practitioner in the promotion and management of women's reproductive health across the lifespan. Covers well woman care including healthy pregnancy, lactation, pre-natal and post-natal care, and menopause along with frequently encountered problems in reproductive health care.

**Prerequisite Courses:** NSG 8665 and NSG 8666

**NSG 8222 - Geriatric Health Assessment and Pharmacology - 3 cr.**

Focuses on knowledge and skill development in health promotion, disease prevention, assessment, and pharmacological management of older adults. Implementation of theory and evidence-based assessment techniques to promote health promotion in older adults. Non-pharmacologic and pharmacologic interventions based on principles of geriatric pharmacotherapy are applied in the management of older adults.

**NSG 8250 - Continuing Clinical Project Enrollment - 0 cr.**

Designed for BS-DNP or Post-Master's DNP students who have completed all other requirements for their degree program but did not complete the DNP clinical project within the expected time frame. If no other clinical project course registration, these students must register for continuing clinical project enrollment each semester until project completion. The fee for continuing clinical project enrollment equals the tuition for one graduate semester credit.

**Prerequisite Courses:** NSG 8201

**NSG 8323 - Quality Improvement - 3 cr.**

Explores the role of the Advanced Practice Nurse in the delivery of quality improvement initiatives in health care settings. Examines the fundamental concepts of quality improvement (QI) and the impact QI has on the quality and safety of health care systems and patient outcomes. Explores methods, models, and tools used to evaluate practice variation and minimize risk of harm. Enhance health outcomes relative to quality measures for diverse populations relative to ethical considerations through interdisciplinary collaboration.

**NSG 8410 - Cultural Perspectives/Adv Prac - 2 cr.**

International service learning elective course for graduate nursing. Web-enhanced course with required on-campus meeting and 60 clinical hours. Emphasis on family, pediatric, and women's healthcare in a selected developing country. Course culminates in a health care mission trip to a third-world site. Students prepare by participating in online learning modules and discussions, course projects, and on-campus class meetings.

**NSG 8430 - Health Care Informatics - 3 cr.**

An introduction to the concepts of health care informatics. Explores the use of information technology applications used by health care professionals to support health in clinical practice, education, research, and administration.

**NSG 8470 - Health Program Evaluation - 3 cr.**

Focuses on evaluating health programs including the activities, characteristics, and outcomes used to draw conclusions about health programs. Students develop skills in health program planning and evaluation through discussion and analysis of literature and development of a health program evaluation plan.

**Prerequisite Courses:** NSG 8201

**NSG 8520 - Assessment and Management of Psychiatric Disorders in Adults - 3 cr.**

Explores the diagnostic criteria and treatment modalities for major categories of psychiatric illness. Articulates and develops the content areas and competencies necessary for entry-level, advanced practice psychiatric-mental health nursing, including psychiatric interviewing, DSM-5 differential diagnosis, and comprehensive psychiatric assessment and holistic management of individual, adult clients with acute and chronic psychiatric disorders and/or common mental health problems.

**NSG 8521 - Psychiatric Practicum I: Adults - 4 cr.**

Develops the competencies and clinical skills necessary for entry-level, advanced practice psychiatric-mental health nursing, including psychiatric interviewing, DSM-5 differential diagnosis, and comprehensive psychiatric assessment and holistic management of individual, adult clients with acute and chronic psychiatric disorders and/or common mental health problems. Develops additional competencies in mental health promotion/ disease prevention and psychoeducation, psychotherapy, and psychopharmacologic treatment. 135 clinical hours.

**Prerequisite Courses:** NSG 8662 and NSG 8678

**NSG 8550 - Assessment and Management of Psychiatric Disorders in Children/Adolescents/Families - 3 cr.**

Explores the diagnostic criteria and treatment modalities for major categories of psychiatric illness related to children and adolescents. Cultivates and develops the content areas and competencies necessary for entry-level, advanced practice psychiatric-mental health nursing, including interviewing psychiatric patients and their families, DSM-5 diagnosis, comprehensive psychiatric assessment, and holistic management of patients and their families.

**Prerequisite Courses:** NSG 8520 and NSG 8521

**NSG 8551 - Psychiatric Practicum II: Child/Adolescent/Families - 4 cr.**

Focuses on the development of skills necessary for holistic management of common psychiatric disorders in children and adolescents. Provides practice in viewing the [child/adolescent] patient and their illness(es) within the context of their family system and encourages utilization of basic family therapy modalities which can be employed as non-pharmacologic, holistic treatment of the Child and/or adolescent. Emphasizes psychiatric evaluation using DSM 5 criteria and comprehensive care based on pathophysiologic, psychotherapeutic, spiritual, and developmental data. Includes psychoeducation as well as psychotherapeutic and psychopharmacologic approaches. Traditional and non-traditional community practice sites are used. 240 clinical hours.

**Prerequisite Courses:** NSG 8520 and NSG 8521

**NSG 8590 - PMHNP Transition to Practice - 1 cr.**

Further develops the role of the psychiatric-mental health nurse practitioner (PMHNP) as a holistic, direct provider of primary mental health care to psychiatric clients and their families across the lifespan. Focuses on content and processes necessary for the transition to independent practice including the requisite competencies, licensing and certification as an advanced practice provider, prescriptive authority, and adherence to mental health statutes and the profession's code of ethics and standards of care.

**Prerequisite Courses:** NSG 8520 and NSG 8550

**NSG 8591 - Psychiatric Practicum IV: Practice Transition - 5 cr.**

Implements the role of psychiatric-mental health nurse practitioner as a direct provider of primary mental health care to psychiatric clients and their families across the lifespan. Role components include integration of medical, nursing, and psychiatric interventions into a holistic plan of care; implementation of intervention strategies for at risk populations; and utilization of outcomes research in the delivery of primary mental health care including comprehensive psychiatric assessment, DSM-5 diagnosis, case formulation, medication management, laboratory monitoring, individual and/or group psychotherapy, and overall case management. 180 clinical hours.

**Prerequisite Courses:** NSG 8521 and NSG 8551

**NSG 8605 - Theorizing Nursing Practice - 4 cr.**

A critical investigation of concepts, middle range theories, and family theories used in health promotion and disease prevention by advanced practice nurses to achieve improved health outcomes with clients and families.

**NSG 8614 - Health Care Policy - 2 cr.**

Explores the role of the DNP prepared APRN in health policy. Foundational knowledge in systems of health care delivery, finance, regulation, and population health support the underpinnings of health care policy and are incorporated. Leadership in healthcare policy design, implementation, analysis and advocacy at various levels are addressed. Social justice and equity in healthcare are central tenets of the course.

**NSG 8620 - Health Policy, Ethics & Law - 3 cr.**

Explore policies, laws, regulations, and ethical principles related to advanced practice nursing, population health, and patient care. Develop leadership competencies via practical exercises designed to teach students how to influence and impact social reform and policy change through advocacy.

**NSG 8638 - Health Care Management II: Frail Adult - 2 cr.**

Develops more extensive knowledge and skills related to health promotion, clinical decision making, and management of health problems for frail, medically complex, older adults. Examines environments of care for older adults. Explores the transition to nurse practitioner practice and nurse practitioner certification.

**Prerequisite Courses:** NSG 8687 and NSG 8222

**NSG 8639 - Advanced Practicum VI: Frail Adult - 4 cr.**

Develops more extensive competencies and clinical skills necessary for nurse practitioner application of health promotion interventions, disease prevention, and clinical decision making for frail, medically complex, older adults in a variety of care settings. 180 clinical hours.

**Prerequisite Courses:** NSG 8687 and NSG 8222

**NSG 8660 - Leadership in Health Care: Organizational Innovations - 3 cr.**

Integrates organizational and management theories within the context of change management processes and applies them to the delivery of nursing services in a variety of settings and systems. Analyzes the role of the advanced practice nurse at various levels of management and emphasizes the requisite core abilities of the DNP-prepared APRN. Investigates factors that affect dynamic changes in the health care system including delivery of nursing care.

**NSG 8661 - Health Care Management I: Adult - 3 cr.**

Focuses on knowledge and skills necessary for prevention, diagnosis, and management of acute and chronic illnesses in adolescents, adults, older adults, and their families. Addresses underlying pathophysiologic and psychosocial basis for occurrence and detection with emphasis on management of common acute and chronic illnesses.

**Prerequisite Courses:** NSG 8217 and NSG 8219 and NSG 8152 and NSG 8154 and NSG 8670 and NSG 8672

**NSG 8662 - Theoretical Foundations of Advanced Practice Psychiatric-Mental Health Nursing - 6 cr.**

Introduces theories, concepts, models, ethics, and the practice and professional issues relevant to the psychiatric nurse practitioner's role in the care of persons/populations at risk for mental illness. Emphasizes the foundations of the discipline, including developmental psychology, therapeutic use of self, cultural competence, and individual and group psychotherapeutic models and interventions drawn from neurobiological, interpersonal, developmental, cognitive-behavioral, psychodynamic, and other evidence-based approaches to the care of persons with mental health problems.

**Prerequisite Courses:** NSG 8605

**NSG 8663 - Advanced Practicum I - 4 cr.**

Practicum course that develops the competencies and clinical expertise necessary for nurse practitioner application of prevention and management skills for acute and chronic illnesses in adolescents, adults, older adults, and their families. 180 clinical hours.

**NSG 8664 - Health Care Management II: Peds and Adolescents - 3 cr.**

Focuses on knowledge and skills necessary for prevention and management of common acute and chronic illnesses in infants to young adults. Addresses aspects of assessment, diagnosis, management, and evaluation of outcomes derived from pathophysiologic, psychosocial, spiritual, and developmental data.

**Prerequisite Courses:** NSG 8661

**NSG 8665 - Advanced Practicum II - 3 cr.**

Develops the competencies and clinical expertise necessary for nurse practitioner application of prevention and management skills for acute and chronic illnesses in infants to young adults. 180 clinical hours.

**Prerequisite Courses:** NSG 8664

**NSG 8666 - Health Care Management III: Older Adult/Chronic - 2 cr.**

Focuses on health promotion, disease prevention, and clinical decision making for adults/ older adults and their families, who are living with chronic/ complex illness. Explores the business and quality management of independent nurse practitioner practice.

**Prerequisite Courses:** NSG 8663 and NSG 8664

**NSG 8667 - Advanced Practicum III - 4 cr.**

Practicum course that develops the competencies and clinical skills necessary for nurse practitioner application of health promotion interventions, disease prevention, and clinical decision making for adults/ older adults and their families, who are living the chronic/complex illness. 180 clinical hours.

**Prerequisite Courses:** NSG 8665 and NSG 8666

**NSG 8669 - Advanced Practicum IV: Rural/Emergent Practicum - 3 cr.**

Focuses on rural health emergent/ urgent clinical care. Develops knowledge and skills necessary for prevention and management of urgent, emergent healthcare issues of persons residing in rural regions. Clinical immersion in rural settings consistent with APRN role and population foci. Addresses knowledge and skills necessary to perform primary care procedures.

**Prerequisite Courses:** NSG 8666 and NSG 8667

**NSG 8670 - Advanced Pharmacology I - 2 cr.**

Focuses on the clinical application of advanced pharmacology and pharmacotherapeutics across the lifespan for common disease conditions encountered in primary and acute care settings. Uses a body systems approach and includes principles of altered pharmacodynamics. Explores principles of pharmacotherapeutics used by advanced practice nurses, including pharmacodynamics, patient assessment, and decision-making processes for appropriate drug use, monitoring, follow up, and patient education.

**NSG 8672 - Advanced Pharmacology II - 2 cr.**

Further focuses on the clinical application of advanced pharmacology and pharmacotherapeutics across the lifespan for common disease conditions encountered in primary and acute care settings. Uses a body systems approach and includes principles of altered pharmacodynamics. Explores principles of pharmacotherapeutics used by advanced practice nurses, including pharmacodynamics, patient assessment, and decision-making processes for appropriate drug use, monitoring, follow up, and patient education.

**Prerequisite Courses:** NSG 8152 and NSG 8217 and NSG 8670

**NSG 8673 - Epidemiology and Population Health - 3 cr.**

Introduces concepts related to epidemiology and population health relevant to advanced nursing practice. Explores population-based health care principles of prevention, health maintenance and health promotion.

**NSG 8674 - Biostatistics for the DNP - 1 cr.**

Provides an overview of biostatistical methods used by clinical practitioners to enhance the quality of healthcare practice. Focus is on common study designs in research used in evidence-based practice. Students will demonstrate an understanding of statistical principles, their use in assessing published practice evidence. Students will also gain knowledge on how to apply descriptive and inferential statistics to explore, analyze and disseminate health data.

**NSG 8678 - Psychopharmacology - 3 cr.**

Focuses on the pharmacokinetics, pharmacodynamics, and pharmaco-therapeutics of psychotropic medications used across the lifespan. Develops an evidence-based foundation for selecting psychopharmacological agent(s) as related to individual patient factors. Investigates the art of prescribing through emphasis on practical issues such as starting, stopping, and cross-tapering medications; monitoring medications and their potential adverse effects; and providing the psychoeducation necessary for successful pharmacological management. Builds a foundation for safe, successful, collaborative, prescriptive practice for psychiatric-mental health nurse practitioners.

**Prerequisite Courses:** NSG 8677

**NSG 8679 - PMH for Primary Care - 3 cr.**

Emphasis on the role of the primary care nurse practitioner in screening, assessing, diagnosing, and managing patients with common, uncomplicated psychiatric disorders, such as mood, anxiety, neurodevelopmental, neurocognitive, and substance use disorders. Collaborate with psychiatry providers in the management of more complex psychiatric disorders. Develops the knowledge and skills necessary to care for primary care patients services experiencing deviations in mental health across the lifespan.

**Prerequisite Courses:** Health Assessment, Pharmacology or equivalent.

**NSG 8687 - Nurse Practitioner Preceptorship - 2 cr.**

Focuses on health promotion, disease prevention, and clinical decision making for adults/ older adults and their families, who are living with chronic/ complex illness. Explores the business and quality management of independent nurse practitioner practice.

**NSG 8705 - Introduction to Acute Care Practice, Therapeutics & Diagnostics - 1 cr.**

Focuses on the scope and standards of practice for the AGACNP role in multiple complex environments of care. Introduces principles of diagnostic and treatment modalities, including evidence-based practices, pharmacological management, fluid replacement, and clinical procedures. One lab day on campus required.

**NSG 8706 - Introduction to Acute Care Practice, Therapeutics and Diagnostics - 2 cr.**

Focuses on the scope and standards of practice for the AGACNP role in multiple complex environments of care. Introduces principles of diagnostic and treatment modalities.

**Prerequisite Courses:** NSG 8217 and NSG 8219 and NSG 8152 and NSG 8154 and NSG 8670 and NSG 8672

**NSG 8710 - Acute Care Adult Gerontology Management I - 2 cr.**

Focuses on competency in advanced pathophysiology, assessment, diagnosis, and management of acute, complex chronic illnesses or injury from the young adult to the frail elderly. Emphasis is placed on evidence-based guidelines, critical thinking, prioritization, and care coordination.

**Prerequisite Courses:** NSG 8217 and NSG 8219 and NSG 8152 and NSG 8154 and NSG 8672 and NSG 8670

**NSG 8712 - Acute Care Adult Gerontology Management II - 3 cr.**

Focuses on competency in advanced pathophysiology, assessment, diagnosis, and management of acute, critical, and/or complex chronic illnesses or injury from the young adult to the frail elder who may be physiologically unstable and highly vulnerable for complication. Emphasis is placed on collaborative intra and interprofessional relationships to promote optimal outcomes. To include simulated procedures.

**Prerequisite Courses:** (NSG 8217 and NSG 8219 and NSG 8152 and NSG 8154 and NSG 8670 and NSG 8672 and NSG 8710 and NSG 8715) and (NSG 8705 and NSG 8706)



**NSG 8714 - Acute Care Adult Gerontology Management III - 3 cr.**

Focuses on competency in advanced pathophysiology, assessment, diagnosis, and management of acute, and critical illnesses or injury in the young adult to the frail elder who is physiologically unstable and technologically dependent with comorbid complication(s). Emphasis is placed on care that is directed to the highest acuity of the disease states encountered in acute and critical settings. Development of comprehensive, collaborative management plans is emphasized including performance of diagnostic and therapeutic procedures.

**Prerequisite Courses:** (NSG 8217 and NSG 8219 and NSG 8152 and NSG 8154 and NSG 8670 and NSG 8672 and NSG 8710 and NSG 8712 and NSG 8715 and NSG 8717) and (NSG 8705 or NSG 8706)

**NSG 8715 - Acute Care Adult Gerontology Practicum I - 4 cr.**

Develops competencies and clinical expertise necessary for nurse practitioner application in the management of acute and complex chronic illnesses or injury from the young adult to the frail elderly.

**Prerequisite Courses:** NSG 8152 and NSG 8154 and NSG 8217 and NSG 8219 and NSG 8670 and NSG 8672

**NSG 8717 - Acute Care Adult Gerontology Practicum II - 5 cr.**

Practicum course that develops advanced competencies and clinical expertise necessary for nurse practitioner application in the management of acute, critical, and/or complex chronic illnesses or injury from the young adult to the frail elder who may be physiologically unstable and highly vulnerable for complication.

**Prerequisite Courses:** (NSG 8152 and NSG 8154 and NSG 8217 and NSG 8219 and NSG 8670 and NSG 8672 and NSG 8710 and NSG 8715) and (NSG 8705 or NSG 8706)

**NSG 8719 - Acute Care Adult Gerontology Practicum III - 5 cr.**

Develops superior-level competencies and clinical expertise necessary for nurse practitioner application in the management of acute, and critical illnesses or injury in the young adult to the frail elder who is physiologically unstable and technologically dependent with comorbid complication(s). Emphasis is placed on care that is directed to the highest acuity of the disease states encountered in acute and critical settings. Develops comprehensive, collaborative management plans is emphasized including performance of diagnostic and therapeutic procedures. Includes simulated procedures.

**Prerequisite Courses:** (NSG 8152 and NSG 8154 and NSG 8217 and NSG 8219 and NSG 8670 and NSG 8672 and NSG 8710 and NSG 8712 and NSG 8715 and NSG 8717) and (NSG 8705 or NSG 8706)

**NSG 8777 - Topics - 0-5 cr.**

Topics in Nursing.

**NSG 8999 - Independent Study - 0-10 cr.**

With faculty guidance, students develop objectives and implement protocol for independent work related to the practice of advanced nursing.

**Prerequisite Courses:** Consent of faculty.