

# NSG: NURSING

*College of Health Sciences*

## Courses

### **NSG 502. Perspectives of School Nursing. 4 Credits.**

This course examines the structure of the educational organization issues that specifically affect the certified school nurse and impact the student in the learning environment. Emphasis will be placed on the school nurse's responsibility to enhance the student's ability to learn in relation to promotion, restoration, and maintenance of health.

Pre / Co requisites: NSG 502 requires a prerequisite of NSG 533.

Distance education offering may be available.

Typically offered in Spring.

### **NSG 512. Legal Mandates Of School Nursing. 3 Credits.**

This course examines the structure of the educational organization and legal issues that specifically affect the certified school nurse and impact the student in the learning environment. Emphasis will be placed on the school nurse's responsibility to enhance the student's ability to learn in relation to promotion, restoration and maintenance of health.

Distance education offering may be available.

### **NSG 517. Selected Topics In Nursing. 1-6 Credits.**

An in-depth study of selected, current topics relevant to the development of nursing majors.

This course will emphasize the critical analysis of current topics that impact on professional nursing. Each student will develop a commitment to reading and critiquing nursing research in professional journals as part of the teaching-learning process.

Repeatable for Credit.

### **NSG 530. Nursing Theories & Issues. 3 Credits.**

Exploration of a variety of theories and current issues that affect nursing practice, education, and administration.

Distance education offering may be available.

### **NSG 531. Healthcare Policy, Leadership & Organization. 3 Credits.**

This course will introduce students to the concepts of health policy, leadership foundations and skills, quality and safety in healthcare and healthcare informatics. The course will prepare the nurse for nursing roles outside of direct patient care.

Distance education offering may be available.

Typically offered in Spring.

### **NSG 532. Pathophysiology for Advanced Practice Nursing. 3 Credits.**

This course is designed to explore pathophysiologic concepts beginning at the cellular level and proceeding through major body systems. Emphasis will be placed on pathophysiologic changes across the lifespan. This course analyzes the signs and symptoms of various diseases enabling the student and advanced practice nurse to identify the mechanisms of disease and the clinical manifestations of those diseases so that rational therapies and interventions can be designed and implemented based on the pathophysiologic changes. Appropriate screening and diagnostic laboratory evaluative methods will also be included.

Distance education offering may be available.

### **NSG 533. Physical Assessment for APNs. 4 Credits.**

This course combines comprehensive theoretical and laboratory experience to enable the nurse in advanced practice to complete a holistic health assessment of the client. Opportunity is provided to enhance the participant's ability to collect relevant data via use of appropriate interviewing methods, developmental and physical assessment techniques, critical thinking, and psychomotor skills.

Distance education offering may be available.

Typically offered in Fall & Spring.

### **NSG 534. Pharmacology for APN. 3 Credits.**

This course will build upon the pharmacologic knowledge acquired at the baccalaureate level.

This course will introduce the advanced practice nurse to pharmacologic concepts utilized in advanced practice roles. Clinical decision making is applied as students explore pharmacologic aspects of disease management. Communication is encouraged and required through in-class discussion and written assignments.

Distance education offering may be available.

### **NSG 535. Population-based Health Promotion. 3 Credits.**

An overview of the epidemiological model of disease causation. Various epidemiological study designs and their applications will be presented.

Distance education offering may be available.

### **NSG 536. Evidence-Based Practice Research. 3 Credits.**

This course is designed to support nurse leaders in implementing and sustaining evidence-based practice within their organizations. Beginning with an introduction to formulating clinical questions, course participants will systematically review and synthesize scientific evidence; perform appraisals of evidence-based practice guidelines; design comprehensive plans for integrating evidence-based clinical practice changes specific to their practice setting; produce drafts of potentially publishable articles related to evidence-based practice; become familiar with grant proposals; and become more knowledgeable about the ethical implications related to evidence-based practice.

Distance education offering may be available.

Typically offered in Fall.

### **NSG 537. Bioethical Decision Making in Health Care. 3 Credits.**

This is a core course in the Master of Science Nursing Program. Students will examine ethical principles, theories and concepts affecting clinical practice. Using these principles, students will focus on the identification, articulation and planned action for ethical concerns of the patient, family, healthcare provider, system, community and public policy levels.

Distance education offering may be available.

### **NSG 541. History & Philosophy of Higher Education & Nsg Education. 3 Credits.**

This course is designed as an introduction to nursing education. The course examines historical and current philosophies of education which impact nursing education. The history of nursing education is examined and discussed in relation to current and future trends in nursing education. Philosophical similarities and differences between higher education and nursing education models are examined from a historical perspective with emphasis on the present and future state of nursing education. External and internal factors and issues influencing nursing education are discussed.

Distance education offering may be available.

### **NSG 542. Curriculum Development & Design in Nursing Education. 3 Credits.**

This course is designed to examine the theory and practice of curriculum development as a group process, synthesizing basic principles of curriculum in nursing education.

Distance education offering may be available.

### **NSG 543. Measurement & Evaluation in Nursing Education. 3 Credits.**

This course will focus on the application of principles of measurement and evaluation within nursing education. Practical experiences will include the construction and evaluation of classroom tests and clinical assessment instruments, as well as interpretation of standardized tests used within nursing education. Current trends and issues related to evaluation will be discussed.

Distance education offering may be available.

### **NSG 544. Teaching Strategies for Classroom & Clinical Settings. 3 Credits.**

The course explores the various teaching strategies used in nursing classroom and clinical settings for students with diverse needs. The course is designed to prepare students to facilitate learning in these settings. It will provide the student with the opportunity to synthesize and integrate educational theories, research and curriculum planning and evaluation into the role of nurse educator. The course will facilitate the student's examination of the teaching-learning process and skills in professional nursing. The use of information technologies to support the teaching-learning process will also be explored.

Pre / Co requisites: NSG 544 requires prerequisites of NSG 530, NSG 531, NSG 532, NSG 533, NSG 534, NSG 535, NSG 536, NSG 537, and NSG 541.

Consent: Permission of the Department required to add.

Distance education offering may be available.

Typically offered in Fall & Spring.

### **NSG 545. Nursing Education Teaching Practicum. 3 Credits.**

Examination of the teaching-learning process and skills in professional nursing, with emphasis on baccalaureate or in-service education. Includes both classroom and clinical practicum teaching experience, as well as seminars with other students enrolled. Focus is community health nursing throughout.

Pre / Co requisites: NSG 545 requires prerequisites of NSG 530, NSG 531, NSG 532, NSG 533, NSG 534, NSG 543, and NSG 544.

**NSG 551. Wellness & Health Promotion. 2 Credits.**

This course provides an opportunity to integrate theory and practice which prepares students for advanced nursing practice as an adult/gerontology clinical nurse specialist (CNS). Students use theories from nursing and other sciences to plan, manage and evaluate direct care services provided to adults and families in community settings. Clinical experiences focus on case management, including advanced assessment, diagnosis, planning, and evaluation as it relates to wellness, health promotion and maintenance in this population. Opportunities for interprofessional experience are provided. Students participate in faculty led seminars discussing current topics related to the clinical focus areas with emphasis on clinical decision-making skills. Advance Practice Registered Nurses (APRN) mentor students in a clinical practice setting (Clinical practicum Wellness Promotion)

Pre / Co requisites: NSG 551 requires prerequisites: NSG 530, NSG 531, NSG 532, NSG 533 and NSG 534.

**NSG 552. Management of Adults with Acute & Chronic Illness. 3 Credits.**

This course provides an opportunity to integrate theory and practice which prepares students for advanced nursing practice as adult/gerontology clinical nurse specialist (CNS). Students use theories from nursing and other sciences to plan, manage and evaluate direct care services provided to adults and families in institutional and community settings. Clinical experience focuses on case management, including advanced assessment, diagnosis, planning, and evaluation as it relates to the management of acute and chronic comorbidities in this population. Opportunities for interprofessional experience and collaborative practice are provided. Students participate in faculty led seminars discussing current topics related to the clinical focus areas with emphasis on clinical decision-making skills. Advance Practice Registered Nurses (APRN) mentor students in a clinical practice setting.

Pre / Co requisites: NSG 552 requires prerequisites: NSG 530, NSG 531, NSG 532, NSG 533 and NSG 534.

**NSG 553. Management of Adults with Complex Acute & Chronic Illness. 3 Credits.**

This course provides an opportunity to integrate theory and practice which prepares students for advanced nursing practice as an adult/gerontological clinical nurse specialist (CNS). Students use theories from nursing and other sciences to plan, manage and evaluate direct care services provided to adults and families in acute care and long term care institutional settings. Clinical experience focuses on case management, including advanced assessment, diagnosis, planning, and evaluation as it relates to the management of acute and complex chronic comorbidities in this population. Opportunities for multidisciplinary and collaborative practice are provided. Students participate in faculty led seminars related to the clinical focus areas with emphasis on clinical decision-making skills. Advance Practice Registered Nurses (APRN) mentor students in a clinical practice setting.

Pre / Co requisites: NSG 553 requires prerequisites: NSG 530, NSG 531, NSG 532, NSG 533 and NSG 534.

**NSG 554. Advanced Practice Registered Nurse Scientific Foundations of Care I. 3 Credits.**

This course will explore scientific foundations of health promotion, disease prevention, and disease management in populations of adults and older adults. The APRN role and competencies will be addressed with focus on transitions of care and the impact of health and illness on individuals and groups of young adults to older adults, families and communities. Clinical practice guidelines will be applied and evaluated using principles of evidence-based practice. Interprofessional collaboration and selected models of care will be applied to APRN treatment plans.

Pre / Co requisites: For students in the APRN track, NSG 554 requires prerequisites of NSG 530, NSG 531, NSG 532, NSG 533, NSG 534, NSG 535, NSG 536. For students in the APRN track, NSG 554 requires a corequisite of NSG 551.

Distance education offering may be available.

Typically offered in Fall & Spring.

**NSG 555. APN Adult Health/Gero Differential Diagnosis. 3 Credits.**

This course provides didactic content to prepare the CNS to provide primary and/or acute care to older adults. From a case study approach students will examine advanced nursing management of health, illness, and disease states in older adults as compared to younger adults. Content addresses differential diagnosis and management of common health problems, including appropriate physical assessment, diagnostic procedures, laboratory tests, and follow-up care for patients with both acute and chronic conditions. Students use evidence-based care and clinical guidelines to provide safe, holistic and cost effective care to the adult and geriatric patient in variety of healthcare settings.

Distance education offering may be available.

**NSG 556. APN Adult Health/Gero Health Illness Transitions. 3 Credits.**

This course introduces Transitions Theory as the underpinning for the constantly shifting healthcare needs of individuals across the age continuum (from late adolescence to older age) and in a variety of settings. After a brief introduction, learning will occur through application of this theory to a variety of developmental, situational and health-illness transitions.

Distance education offering may be available.

**NSG 561. Immersion as a Clinical Nurse Leader I. 3 Credits.**

In today's rapidly changing healthcare landscape, this course is focused on preparing advanced clinical nurses to assume a leadership role is critical to improving the quality of patient care.

This course is the first of a series of three courses which provides instruction on how CNLs utilize the competencies necessary to lead improvement teams, analyze data, and ensure delivery of quality, safety, and value-based care in any healthcare setting.

Pre / Co requisites: NSG 561 requires prerequisites of NSG 530, NSG 531, NSG 532, NSG 533, NSG 534, NSG 535, NSG 536, NSG 537, and a conferred bachelor of science degree.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

**NSG 562. Immersion as a Clinical Nurse Leader II. 3 Credits.**

This course is focused on preparing advanced clinical nurses to assume a leadership role is critical to improving the quality of patient care. This course is the second of a series of three courses which provides instruction on how CNLs utilize the competencies necessary to lead improvement teams, analyze data, and ensure delivery of quality, safety, and value-based care in any healthcare setting.

In this course, students in combination with weekly class will begin their CNL Immersion on a specialty unit with an assigned preceptor. Students in conjunction with the preceptor under the supervision of their faculty member will identify an appropriate CNL project. Students will develop a proposal for their CNL project to faculty/peers/preceptor.

Pre / Co requisites: NSG 562 requires prerequisites of a B minimum in NSG 530, NSG 531, NSG 532, NSG 533, NSG 534, NSG 535, NSG 536, NSG 537, and NSG 561; and a conferred bachelor of science degree.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

**NSG 563. Immersion as a Clinical Nurse Leader III. 3 Credits.**

This course is the third of a series of three courses which provides instruction on how CNLs utilize the competencies necessary to lead improvement teams, analyze data, and ensure delivery of quality, safety, and value-based care in any healthcare setting. This course emphasizes that the CNL is a provider and manager of care at the point of care to individuals and cohorts of patients anywhere healthcare is delivered. Key concepts include clinical leadership; care outcomes; synthesis of data/evidence to provide improved outcomes; risk anticipation for individuals or cohorts of patients; design of EBPs; team leadership with interprofessional teams; integration and use of information systems and technologies to improve outcomes; stewardship of human/environmental/materials and advocacy for patients, communities and the health professional team. Students will immerse in their role as a CNL and execute a CNL project in their assigned area. Students will document their work in a CNL project paper and present their findings at the end of this course. CNL students will prepare for the CNL certification examination by completion of CNL modules.

Pre / Co requisites: NSG 563 requires prerequisites of a B minimum in NSG 530, NSG 531, NSG 532, NSG 533, NSG 534, NSG 535, NSG 536, NSG 537, NSG 561, and NSG 562; and a conferred bachelor of science degree.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

**NSG 698. DNP Practicum Transition Course. 3 Credits.**

This course is designed for pre-DNP students who did not complete 500 practice hours in their Master's degree and need to complete practice hours prior to their DNP program. The student will complete 250 practice hours under the supervision of a preceptor during this 3 credit course. This is a 250 clinical hour practicum course.

Pre / Co requisites: NSG 698 requires a prerequisite of a completed Masters degree.

Consent: Permission of the Department required to add.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

Repeatable for Credit.

**NSG 701. Transition to Doctoral Study. 1 Credit.**

This course is designed for those either in clinical practice or in areas that support those in practice environments, including administration, informatics, organizational leadership/management, and policy. This course exposes the student to the leadership roles expected of DNP practitioners. The importance of evidence-based practice, clinical inquiry, scholarship, and ethics within nursing and related disciplines will be explored. The importance of interprofessional collaboration to promote quality improvement and safe patient outcomes will be investigated. This initial course provides an overview of the DNP program and the university resources available to students. An introductory dialogue about the DNP Quality Improvement Project will be presented.

Consent: Permission of the Department required to add.

Distance education offering may be available.

Typically offered in Fall.

**NSG 702. Leadership for Advanced Nursing Practice. 3 Credits.**

Students examine the role of the Doctor of Nursing Practice (DNP) nurse as it relates to leadership. Theoretical leadership concepts and models are reviewed in relation to personal and professional values. Emphasis is on working with multiple disciplines and on leading multiple and diverse constituencies. Topics include innovation, communication, conflict resolution, resource management, change leadership, strategic planning, and healthcare transformation.

Distance education offering may be available.

Typically offered in Fall.

**NSG 703. Healthcare Policy and Advocacy. 3 Credits.**

Students explore the roles and accountability of healthcare providers in responding to the health and social needs of the public and shaping health policy. The course introduces students to the concepts and tools of health policy development and the skills necessary to be an effective health policy analyst and advocate.

Distance education offering may be available.

Typically offered in Fall & Summer.

**NSG 704. Analytical Methods for Evidence Based Practice in Healthcare I. 3 Credits.**

Students utilize analytic methods to critique existing literature and other evidence to implement the best evidence for practice. Methods of designing processes to evaluate outcomes of practice, practice patterns, and systems of care within a practice setting are explored.

Distance education offering may be available.

Typically offered in Fall & Spring.

**NSG 705. Analytical Methods of Evidence Based Practice II. 3 Credits.**

Students design and evaluate quality improvement methodologies to promote safe, timely, effective, efficient, equitable and patient-centered care. Quantitative and qualitative data collection and analysis is covered. Emphasis is placed on applying relevant findings to affect practice guidelines and improve quality in practice and the practice environment.

Pre / Co requisites: NSG 705 requires a prerequisite of NSG 704.

Distance education offering may be available.

Typically offered in Fall & Summer.

**NSG 706. Nursing Ethics in Clinical Practice & Leadership. 3 Credits.**

Students examine ethical principles and legal precedents affecting clinical practice and health care policy. Strategies to assist in the resolution of current ethical issues within a student's particular practice or research area are developed through the application of select theories and concepts. Ethical issues are addressed through a case-based approach.

Distance education offering may be available.

Typically offered in Fall & Spring.

**NSG 707. Healthcare Economics for the Advanced Practitioner. 3 Credits.**

Students describe the scope of healthcare economics and key information sources as they affect the advanced practitioner. Highlights of the characteristics of healthcare financing and the quality of health economics financing are explored.

Distance education offering may be available.

Typically offered in Fall.

**NSG 708. Program Evaluation. 3 Credits.**

Students review evaluation methods best suited for professionals in leadership roles. Standards of evaluation, planning designs and approaches are examined. Students examine methodologies for classifying interventions and outcomes and for evaluating the quality of healthcare delivered to individual clients and aggregates. Issue related to the implementation of outcome and quality management programs are explored.

Distance education offering may be available.

Typically offered in Spring & Summer.

**NSG 709. Nursing Informatics. 3 Credits.**

This course will focus on information systems technology, its application in healthcare settings, and the value of technology and nursing informatics. Current and emerging technologies are introduced, as well as the role of the DNP/ Nurse Scientist in healthcare information systems, patient care technology, usage of data for quality improvement, ethical, legal, and policy issues, the value of health information, and leading the advancement of informatics practice and research.

Consent: Permission of the Department required to add.

Distance education offering may be available.

Typically offered in Spring.

**NSG 810. Application of Evidence-Based Practice. 4 Credits.**

This course will provide the learner with the opportunity to conceptualize the concepts of scholarship, leadership and advocacy into their advanced nursing practice. The learner will identify the focus of their DNP project. This project should be appropriate with the domain of scholarship of the learner. This course will culminate with recognition of a need and problem statement, a needs assessment and development of goals and objectives.

Pre / Co requisites: NSG 810 requires prerequisites of NSG 701, NSG 702, NSG 703, NSG 704, NSG 705, NSG 706, NSG 707, NSG 708, and NSG 709.

Distance education offering may be available.

Typically offered in Fall & Spring.

**NSG 811. DNP Project Seminar I. 3 Credits.**

Students in this course synthesize and integrate newly acquired knowledge and skills and begin the implementation of their DNP project. Prior to data collection or intervention DNP students complete the protection of human subjects/Institutional Review Board (IRB) process. Students continue to prepare and refine the DNP Project paper for submission, measure project outcomes and evaluate the sustainability of their DNP Project. Students must present their work in a scholarly manner to colleagues and faculty.

Pre / Co requisites: NSG 811 requires prerequisite of NSG 810.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

**NSG 812. DNP Project Seminar II. 3 Credits.**

This course will provide the learner with guidance and support in project implementation, evaluation and analysis. Students will prepare the DNP Project paper for submission, measure outcomes, ensure sustainability of the project and disseminate results. Students must present their work in a scholarly manner to colleagues and faculty. The completed DNP Project, presentation and paper are required for completion of this course and graduation.

Pre / Co requisites: NSG 812 requires a prerequisite of NSG 811.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.