

# Nursing (NURS)

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## Courses

### ***NURS 3101 Seminar I-Intro To Prof Prac: 1 semester hour.***

This course partially fulfills the requirements of a clinical internship program. It is designed to introduce students to professional practice. This is a collaborative work-study-scholarship program with a hospital agency and the College of Nursing.

### ***NURS 3210 Tools For Success: 2 semester hours.***

This course introduces the student to nursing as a profession. Learners explore historical perspectives, educational pathways and practice roles in nursing. Students will review major concepts which build on prerequisite coursework and develop skills to promote success in nursing.

Prerequisites: (HIST 1301 or HIST 1313) and (HIST 1302 or HIST 1323) and (SOCG 1301 or SOCG 1013).

### ***NURS 3300 Introduction to Pharmacology: 3 semester hours.***

This course discusses basic concepts of pharmacology with emphasis on nursing implications.

Prerequisites: (NURS 3416 or NURS 3164) and (NURS 3326 or NURS 3263) and (MATH 1314 or MATH 1113).

### ***NURS 3301 Individual Health Assessment: 3 semester hours.***

This course introduces basic components and techniques of the health assessment within the framework of the nursing process. It focuses on data collection regarding the individual's adaptation to internal and external factors within the environment. Emphasis is placed on the individual with high level wellness throughout the lifespan. Laboratory experiences include the application of health assessment skills.

Prerequisites: (BIOL 1307 or BIOL 1073) and (CHEM 1306 or CHEM 1053) and (CHEM 1106 or CHEM 1051).

### ***NURS 3302 Basic Pathophysiology: 3 semester hours.***

This course explores the basic principles and concepts of human disease processes. Normal, compensatory, and pathological mechanisms related to physiological functioning of the individual in health and illness are discussed.

Prerequisites: (BIOL 1307 or BIOL 1073) and (CHEM 1306 or CHEM 1053) and (CHEM 1106 or CHEM 1051).

### ***NURS 3326 Basic Concepts of Nursing Practicum: 3 semester hours.***

This clinical practicum provides an opportunity for the application of concepts and principles basic to nursing practice. Experiences are provided in a variety of agencies for the utilization of the nursing process in caring for individuals with health promotion needs and minor to moderate health alterations.

Prerequisites: (BIOL 2401 or BIOL 1054) and (BIOL 2402 or BIOL 1064) and (BIOL 1307 or BIOL 1073) and (CHEM 1306 or CHEM 1053) and (CHEM 1106 or CHEM 1051).

Co-requisites: NURS 3301, NURS 3302, NURS 3416.

### ***NURS 3327 Adult Health Nursing I Practicum: 3 semester hours.***

This clinical practicum course provides an opportunity for students to use the nursing process to provide care for clients with acute and chronic health alterations. Clinical experiences are provided in a variety of acute care settings.

Prerequisites: (NURS 3416 or NURS 3164) and (NURS 3326 or NURS 3263).

Co-requisites: NURS 3300, NURS 3417.

### ***NURS 3332 Health Disparities: 3 semester hours.***

This course will provide students with a comprehensive understanding of health disparities, including investigative approaches as well as strategies to address health disparities in minority and medically underserved populations.

### ***NURS 3335 Camp Nursing: Care of Special Populations: 3 semester hours.***

This course is designed to allow the undergraduate the opportunity to work with children who have asthma in an environment that emphasizes the wellness aspect of their health problem. The focus will be on the long term side effects, both emotional and physical effects of asthma and how to use the summer camp as an arena to increase education and self-esteem of the child. The clinical learning experiences take place in a camp setting for children with asthma.

Prerequisites: NURS 3417 and NURS 3300.

### ***NURS 3337 Environmental Health Nursing: 3 semester hours.***

This course discusses concepts related to the environment and its role in health and in professional nursing. For all nursing students.

### ***NURS 3338 Nurs w/o Borders:Global Health: 3 semester hours.***

This is a lecture/lab course that focuses on a holistic approach to nursing care of families and cultural groups. Emphasis is placed on the nurse's role in health promotion, health maintenance and illness prevention in families from cultures in a national and international setting. Environmental influences on the family are explored.

Prerequisites: NURS 3300.

### ***NURS 3339 Academic Strategies for Nursing Students Success: 3 semester hours.***

This course is designed to provide nursing students with evidence-based study strategies to empower the learner for application and mastery of complex concepts for successful management and progression in the nursing major.

***NURS 3341 Dosage Calculations Tools: 3 semester hours.***

This course focuses on providing the student additional mathematical skills needed to successfully pass the dosage calculations examinations given with each clinical practicum course in the nursing program. The course includes face to face interactions with the faculty facilitator, in-class math computations, and implementation of critical thinking and test-taking skills needed to perform math calculations and successfully pass dosage calculations exams.

***NURS 3416 Basic Concepts of Nursing: 4 semester hours.***

This theory course introduces basic concepts utilized in health promotion and minor health alterations. Emphasis is placed on identifying basic human needs and understanding principles guiding nursing practice.

Prerequisites: (BIOL 1307 or BIOL 1073) and (BIOL 2401 or BIOL 1054) and (BIOL 2402 or BIOL 1064) and (HUSC 1322 or HUSC 1343).

***NURS 3417 Adult Health Nursing I: 4 semester hours.***

This theory course focuses on the nursing care of adult clients experiencing moderate to major alterations from health. Nursing care of clients with acute and chronic health alterations is explored.

Prerequisites: (NURS 3300 (may be taken concurrently) or NURS 3003 (may be taken concurrently)) and (NURS 3302 (may be taken concurrently) or NURS 3023 (may be taken concurrently)) and (NURS 3416 or NURS 3164) and (NURS 3326 or NURS 3263) and (NURS 3301 or NURS 3013).

Co-requisite: NURS 3327.

***NURS 3428 Family Health Nursing Practicum: 4 semester hours.***

This clinical practicum provides an opportunity for the student to apply concepts and principles of family health nursing in a variety of health care settings. Implementation of care for childbearing and childrearing families occur within the framework of this course.

Prerequisites: (NURS 3417 or NURS 3174) and (NURS 3300 or NURS 3003) and (NURS 3327 or NURS 3273).

Co-requisites: NURS 3518, NURS 4301.

***NURS 3500 Transition to Professional Nursing: 5 semester hours.***

Designed for the LVN to BSN student to explore the context of professional nursing including critical thinking and evidence based nursing practice. Course content and clinical activities focus on professional roles, values and responsibilities for nursing practice in a dynamic, culturally diverse care environment. Clinical application will focus on care of adults with a variety of health alterations.

Prerequisites: BIOL 2401 and BIOL 2402.

***NURS 3518 Family Health Nursing: 5 semester hours.***

This course focuses on the provision of family centered child care. Emphasis is placed on the nursing management of children and their families in health promotion and adaptation to illness.

Prerequisites: (NURS 3417 or NURS 3174) and (NURS 3327 or NURS 3273).

Co-requisite: NURS 3428.

***NURS 4203 Trends and Issues in Professional Nursing: 2 semester hours.***

This course explores legal and ethical issues using a decision making framework to guide the practice of nursing. Professional nursing employment opportunities and development of a professional portfolio will also be included.

***NURS 4226 Mental Health Nursing Practicum: 2 semester hours.***

This clinical practicum course focuses on the application of the nursing process when providing health, promotion, protection, and restoration care for culturally diverse individuals, groups and families at varying levels of risk for psychological impairment in a variety of clinical settings.

Prerequisites: (NURS 3518 or NURS 3185) and (NURS 3428 or NURS 3284).

Co-requisite: NURS 4316.

***NURS 4227 Community Health Nursing Practicum: 2 semester hours.***

This clinical practicum provides the student an opportunity to synthesize the nursing process with public health concepts in the nursing care of individuals, families, groups and communities with a focus on preventive nursing care.

Prerequisites: (NURS 4318 or NURS 4183) and (NURS 4316 or NURS 4163) and (NURS 4226 or NURS 4262) and (NURS 4228 or NURS 4282).

Co-requisites: NURS 4229, NURS 4317, NURS 4319.

***NURS 4228 Adult Health Nursing II Practicum: 2 semester hours.***

This clinical practicum course provides an opportunity for students to apply the nursing process when caring for client with multi-system complex health alterations. Clinical experiences in a variety of settings are used.

Prerequisites: (NURS 3518 or NURS 3185) and (NURS 3428 or NURS 3284).

Co-requisite: NURS 4318.

***NURS 4229 Nursing Leadership and Management Practicum: 2 semester hours.***

This clinical practicum provides an opportunity for the transition of nursing students into professional nursing practice. Students will apply leadership and management principles and concepts to patient care coordinator of care, and functions of health care organizations.

Prerequisites: (NURS 4318 or NURS 4183) and (NURS 4316 or NURS 4163) and (NURS 4226 or NURS 4262) and (NURS 4228 or NURS 4282).

Co-requisites: NURS 4227, NURS 4317, NURS 4319.

***NURS 4300 Concepts of Professional Nursing Practice: 3 semester hours.***

This course is designed to assist the RN student make the transition to the University setting at the undergraduate and graduate level. The learner will be introduced to the knowledge, values, evidence based practice, health policy and conceptual models which guide the practice of nursing in a variety of settings. Ethical and legal principles which guide nursing practice will be explored.

**NURS 4301 Introduction to the Research Process: 3 semester hours.**

This course discusses basic research methodology and its application to the practice of nursing. Computer aids to research are considered.

Prerequisite: Completion of Semester II.

Prerequisites: (NURS 3417 or NURS 3174) and (NURS 3300 or NURS 3003) and (NURS 3327 or NURS 3273).

**NURS 4316 Mental Health Nursing: 3 semester hours.**

This theory course focuses on the application of the nursing process in providing care to clients experiencing psychopathological conditions along the wellness-illness continuum.

Prerequisites: (NURS 3518 or NURS 3185) and (NURS 3428 or NURS 3284).

Co-requisite: NURS 4226.

**NURS 4317 Community Health Nursing: 3 semester hours.**

This theory course focuses on the synthesis of public health concepts within a preventive framework to promote and maintain the health of communities. The nursing process is used in community assessment, risk identification and application of community health nursing strategies.

Prerequisites: (NURS 4316 or NURS 4163) and (NURS 4318 or NURS 4183) and (NURS 4226 or NURS 4262) and (NURS 4228 or NURS 4282).

Co-requisites: NURS 4227, NURS 4229, NURS 4319.

**NURS 4318 Adult Health Nursing II: 3 semester hours.**

This theory course emphasizes the utilization of the nursing process in providing care for clients experiencing major physiological deviations from wellness. Nursing care of clients with multi-system complex health alterations is explored.

Prerequisites: (NURS 3518 or NURS 3185) and (NURS 3428 or NURS 3284).

Co-requisite: NURS 4228.

**NURS 4319 Nursing Leadership and Management: 3 semester hours.**

This theory course focuses on concepts and principles of leadership and management. Functions of beginning nurse management roles are explored.

Prerequisites: (NURS 4318 or NURS 4183) and (NURS 4316 or NURS 4163) and (NURS 4226 or NURS 4262) and (NURS 4228 or NURS 4282).

Co-requisites: NURS 4227, NURS 4229, NURS 4317.

**NURS 4331 Nursing and Cultural Diversity: 3 semester hours.**

This course examines application of the nursing process as it relates to selected cultures. The primary concerns will be diverse communication systems and cultural norms within the health care delivery system.

**NURS 4335 Advanced Nursing Concepts: 3 semester hours.**

This course explores advanced clinical and theoretical issues relating to nursing practice.

Prerequisites: NURS 3518 and NURS 3428.

**NURS 4337 Nursing and the Aged: 3 semester hours.**

This course examines the utilization of the nursing process with aged clients. Major problems of aging are emphasized.

**NURS 4338 Patient Education and Nursing Practice: 3 semester hours.**

This course discusses patient education relative to the prevention of illness and to the maintenance and restoration of health.

**NURS 4340 Nursing Process Seminar: 3 semester hours.**

This course culminates professional socialization by focusing on the integration of behaviors essential in the transition from nursing student to professional nursing. Comprehensive review and evaluation of essential concepts and principles within the professional knowledge base including adult health, maternal/child, mental health, community health, and management.

Prerequisites: (NURS 4316 or NURS 4163) and (NURS 4318 or NURS 4183) and (NURS 4226 or NURS 4262) and (NURS 4228 or NURS 4282).

**NURS 4399 Independent Study: 1-3 semester hour.**

Selected topics are explored through reading, research, and/or field work.

**NURS 5204 Role Theory and Ethics in Advanced Practice Nursing: 2 semester hours.**

Role theory is utilized for analyzing the dimensions of the role of the APN in management of health care problems for vulnerable/minority individuals, families, and urban/rural communities. Ethical and legal decision-making models are explored to promote role transition and integration.

**NURS 5300 Transcultural Family Health Care in Rural and Urban Settings: 3 semester hours.**

Explores the cultural dimension of health care delivery in urban and rural settings. Emphasis is placed on examining concepts including health promotion, epidemiology and vulnerable populations. Opportunities are provided to apply theories from family studies, public health, community health nursing and primary health care to empower families and communities to promote healthy lifestyles.

**NURS 5301 Theoretical Foundations of Nursing: 3 semester hours.**

Presents theoretical foundations for nursing. Explores relationships between theories and advanced practice nursing. Examines various theories in nursing practice and other health care disciplines.

**NURS 5302 Advanced Pharmacology: 3 semester hours.**

Provides a comprehensive understanding of the therapeutic use of major drug classifications for clients of all ages. Emphasis is on the application of drug therapy to the promotion of health and the treatment of disease. Advanced pharmacodynamics and pharmacokinetic principles will be analyzed.

**NURS 5304 Advanced Pathophysiology: 3 semester hours.**

Advanced study of physiological and pathological processes at biochemical, cellular, organ and system levels. Course content includes biologic variations and susceptibility to pathology across different ethnic groups and specific populations.

***NURS 5314 Clinical Research: 3 semester hours.***

The course focuses on the use of research methodologies to analyze nursing practice problems for a population of diverse ethnic and socio-economic backgrounds. The interrelationship between theory, practice and evidenced-based research, and the use of nursing knowledge for the improvement of clinical outcomes is emphasized. Review of major research designs, methods, and ethical requirements of scientific inquiry are addressed.

Prerequisites: NURS 5301.

***NURS 5316 Advanced Pathophysiology for Advance Practice Nursing: 3 semester hours.***

This course is used to guide the advance practice nursing student in interpreting changes in normal function that result in symptoms indicative of illness. Study of the physiological and pathophysiological processes that are a basis for advanced nursing practice. The emphasis is placed on the genetic, molecular, cellular and organ system levels across various groups and populations.

***NURS 5317 Advanced Pharmacology for Advance Practice Nursing: 3 semester hours.***

This course is to provide the APN graduate with the knowledge and skills to assess, diagnose, and manage patients' common health problems. Course theory content includes pharmacotherapeutics and pharmacokinetics of broad categories of pharmacologic agents. Evidence-based research provides the basis for selecting effective, safe and cost-efficient pharmacologic regimens.

***NURS 5324 Advanced Health Assessment: 3 semester hours.***

Builds upon basic physical assessment and history taking skills by increasing the depth and breadth of student knowledge related to the principles and techniques of interviewing, screening, and physical assessment across the lifespan. A structured 4 hour labor of practicum experience per week is a course requirement.

***NURS 5326 Advanced Health Assessment and Diagnostic Reasoning for Advanced Practice Nursing: 3 semester hours.***

Building upon previously acquired physical assessment and history taking skills, this course prepares graduate advanced practice nursing students to obtain a meaningful history and to integrate it with physical findings to develop a problem list. Interpretation of selected diagnostic tests and differential diagnoses. Analyze diagnostic reasoning models and apply to advanced practice nursing contexts.

Prerequisites: NURS 5300 and NURS 5316 and NURS 5314.

Co-requisites: NURS 5204, NURS 5317.

***NURS 5330 Program and Curriculum Design: 3 semester hours.***

The focus of this course is on curricula design and development. Students will examine the principles of curriculum and program design, factors that affect curriculum, philosophies, conceptual frameworks, curriculum models, and curriculum evaluation. Emphasis will be placed on the relationship between philosophy, program goals, objectives and content.

Prerequisites: (NURS 5301 or NURS 5013) and (NURS 5314 or NURS 5133) and (NURS 5302 or NURS 5023) and (NURS 5304 or NURS 5033) and (NURS 5204 or NURS 5042).

***NURS 5331 Instructional Methods and Strategies: 3 semester hours.***

The student examines various teaching strategies and methods, educational theories, principles of learning, and theories relevant to the instructional process will be discussed. Emphasis will be placed on classroom and clinical teaching, supervision and management of the learning environment.

Teaching using technology will be a major focus.

Prerequisites: (NURS 5330 or NURS 5303).

***NURS 5332 Evaluation in Nursing Education: 3 semester hours.***

This course focuses on evaluation techniques and strategies. The design and use of evaluation tools in classroom and clinical evaluation will be discussed. The identification and evaluation of clinical competencies will be an area of focus. Test development, measurement and the use of evaluation instruments will be examined. Emphasis is placed on evaluation measures such as standardized tests and item analysis of teacher made test.

Prerequisites: (NURS 5330 or NURS 5303) and (NURS 5331 or NURS 5313).

***NURS 5333 Nursing Education Role Practicum I: Classroom Instruction: 3 semester hours.***

This course emphasizes the integration of knowledge from curriculum design, strategies and evaluation into the role of nurse educator. Students are provided experiences in the classroom settings to develop knowledge, apply theories, learning principles and evidence based teaching and evaluation strategies under the direction of a faculty preceptor.

Prerequisites: (NURS 5303 or NURS 5330) and (NURS 5313 or NURS 5331) and (NURS 5323 (may be taken concurrently) or NURS 5332 (may be taken concurrently)).

***NURS 5335 Nursing Education Role Practicum II: Clinical Instruction: 3 semester hours.***

This course focuses on the application of teaching, learning and evaluation strategies in the clinical setting. Students are provided the experiences in the clinical setting to apply theories, models, skills, learning principles and develop attributes essential to the role of nurse educators in academic and clinical settings. Emphasis is placed on assessment and evaluation of learning outcomes.

Prerequisites: (NURS 5330 or NURS 5303) and (NURS 5331 or NURS 5313) and (NURS 5332 or NURS 5323).

***NURS 5340 ADM I-Organizational Theory: 3 semester hours.***

This course examines organizational concepts, theories, and behavior relevant to Nurse Administration, management and health care delivery systems. Major topics include management principles, organizational processes, conflict and change process. Discussion will include management philosophy, structure, legal and ethical concerns.

Prerequisites: NURS 5300 and NURS 5301 and NURS 5314 and NURS 5204.

***NURS 5341 ADM II-Healthcare Management: 3 semester hours.***

The focus of this course is on healthcare management issues and strategies: Healthcare of individual populations, case management, health promotion, disease management, standards of care, cost, quality, health indicators, and disparities. Human Resource Management, including data management and informatics will be emphasized.

Prerequisites: NURS 5340.

***NURS 5342 ADM III-Healthcare Economics and Financial Management: 3 semester hours.***

This course focuses on economics and financing in health care delivery systems. Major topics include budget preparation and fiscal management within an organizational structure. Emphasis will be placed on the use of databases, spreadsheets and other software applications to the budgetary process. Insurance providers, impact of consumers, cost and benefits, state and federal regulations, legal and ethical issues will also be included.

Prerequisites: (NURS 5340 or NURS 5403) and (NURS 5341 or NURS 5413).

***NURS 5344 ADM IV - Nurse Administration Practicum: 3 semester hours.***

A practicum experience designed for synthesis of theory and practice. Practicum will include group seminar, observational and independent learning activities. Practicum experiences will be directed toward the student's career goals.

Prerequisites: NURS 5340 and NURS 5341 and NURS 5342.

***NURS 5345 Health Informatics I: 3 semester hours.***

This course is designed to introduce the foundations of health care informatics to the advanced practice nurse. The focus is on developing an understanding of the core concepts of health care informatics and correlating these to the practice of nursing informatics. The history, use, design, management, and ethics of health care information systems will be examined with attention to current issues and trends impacting the profession of nursing.

***NURS 5371 Health Policy: 3 semester hours.***

This course focuses on the development of health care policy. Current, local, state, and national issues influencing health policies are reviewed. Health care delivery models are explored as well as the concepts of power, political action, activism and networking. Major health policy issues facing advanced practice nursing in the 21st century are considered.

***NURS 5376 Financial Management in Advanced Nursing Practice: 3 semester hours.***

This course focuses on health care financing at the local, state and national levels as well as the concepts of reimbursement, contract, negotiation, and partnerships in practice. Cost effective analysis is explored as a tool to examine cost and outcomes for the care diverse populations.

Prerequisites: (NURS 5524 or NURS 5245).

Co-requisite: NURS 5621.

***NURS 5377 Capstone Proposal Writing and Project Development: 3 semester hours.***

This course provides students the opportunity to integrate and synthesize knowledge gained in the graduate nursing program into the practice setting with directed study in an area of interest.

Prerequisites: (NURS 5301 or NURS 5013) and (CNLS 5309 or CNLS 5093) and (NURS 5300 or NURS 5003) and (NURS 5204 or NURS 5042) and (NURS 5371 or NURS 5713) and (NURS 5304 or NURS 5033) and (NURS 5302 or NURS 5023) and (NURS 5133 or NURS 5314).

***NURS 5378 Research Capstone Project: 3 semester hours.***

The research capstone project is the scholarly alternative to the thesis. The project provides students the opportunity to use the research process to investigate a problem in clinical practice, nursing education or administration. This course is a faculty guided experience that requires synthesis of nursing theory, research, and practice into an oral presentation and written research paper.

Prerequisites: NURS 5301 and NURS 5314.

***NURS 5380 Thesis Proposal Writing: 3 semester hours.***

Concepts of research techniques and designs are explored. A research proposal is developed.

***NURS 5390 Thesis: 3 semester hours.***

Application of research skills to thoroughly develop thesis on topic approved by advisor.

Prerequisites: NURS 5380.

***NURS 5398 Special Topics: 3 semester hours.***

Exploration of a single topic not covered in the graduate curriculum (i.e. curriculum development, curriculum evaluation, and skills practicum) but related to Health Care and/or Nursing.

***NURS 5524 Primary Health Care for the Adult and Elderly with Practicum: 5 semester hours.***

This combined theory and practicum course focuses on the role of the family nurse practitioner in the management of the adult and elderly client in urban or rural communities. The emphasis is placed on health risk assessment, health maintenance/restoration and management of acute and chronic problems. Includes practicum experiences in a variety of settings.

Prerequisites: NURS 5302 and NURS 5304.

***NURS 5621 Primary Health Care for the Childbearing/Childrearing Family with Practicum: 6 semester hours.***

This combined theory and practicum course focuses on the role of the family nurse practitioner in caring for childbearing and childrearing families from diverse populations. Emphasis is placed on health promotion/maintenance, health risk assessment and acute symptoms management. Growth and development and psychosocial stages and tasks are presented.

Prerequisites: (NURS 5316 or NURS 5163) and (NURS 5317 or NURS 5173) and (NURS 5326 or NURS 5263) and (NURS 5524 or NURS 5245).

***NURS 5725 Management of Complex Health Problems: 7 semester hours.***

In this course, the student uses theoretical, scientific, and current clinical knowledge for the assessment and management of clients with complex health problems in selected vulnerable populations. Topics will include management of complex diseases, role implementation, research utilization, decision-making, consultation and referral for APN practice.

Prerequisites: NURS 5524.

***NURS 7300 Scientific Writing: 3 semester hours.***

Scientific writing is the formal writing process utilized in academic settings for manuscript preparation, grant proposals, as well as thesis and dissertation development. The purpose of this course is to provide graduate students with a formal writing experience in an academic or administrative setting. Legal and ethical issues related to plagiarism and professional collaboration will be applied. At the end of the course the learner will have the opportunity to experience the process of developing a formal writing product moving from an outline to a finished written product.

***NURS 7301 Nursing Science and Complex Systems: 3 semester hours.***

This course introduces students to systems theory in complex organizations. Students share knowledge of the health care systems and broad-based thinking and human networking of care delivery systems in response to the demands of nursing practice considering the legal and ethical issues of practice. The occurrence of change as a dynamic gauge will enable students to fit relationships with emerging new challenges, transition and interfacing with systems, management of conflict, medication and interventions. Sharing the impact of global technology in transforming knowledge and communication in the complex adaptive systems of universal health amidst health system constraints will be essential.

***NURS 7302 Leadership in Complex Health Systems: 3 semester hours.***

This course focuses on organizational theories and principles in a complex health care environment along with the use of technological innovations and considers the legal and ethical issues in education, administration and clinical practice. Emphasis is placed on managing complex health care systems in a global environment. The societal and organizational influences related to managing complex health care organization are examined and the legal and ethical issues in education, administration and clinical practice.

***NURS 7304 Health Informatics: Systems Management of Health Data: 3 semester hours.***

This course provides students with the opportunity to explore health information technology from a systems perspective and as a disruptive technology. The content spans the health informatics discipline from bioinformatics through clinical applications and to the population level of public health informatics. Health informatics is presented as inter-disciplinary, inter-professional and collaborative. Students are exposed to the use of data, information and knowledge and their application in the discipline.

***NURS 7305 Evidence-Based Practice (Qualitative & Quantitative Methods): 3 semester hours.***

This course focuses on the utilization of evidence to guide education administration and clinical practice. The leadership role of the APN in the translation of research into practice, the evaluation of practice, and the improvement in patient outcomes based on evidence will be emphasized. The role of the APN in generating evidence through their practice will also be discussed. During this course the student will assess practice quality, critically analyze evidence, apply research evidence to issues of current health care delivery using appropriate practice, legal and ethical guidelines.

***NURS 7306 Health Care Policy for Advocacy in Health Care: 3 semester hours.***

This course prepares DNP graduate to assume a leadership role in the designing, implementing and advocating for health care policies that impact health financing, regulation of nursing practice, and the delivery of safe, effective quality care to clients. Methods that can be used to integrate health care policies into nursing practice will be explored on the basis of legal and ethical principles. Students will be provided the opportunity to interact with individuals responsible for health care policies on the local, state, and national level.

***NURS 7312 Emerging Technologies and the Teaching/Learning Process: 3 semester hours.***

This course will focus on technology and its application in nursing education and the practice environment. Emphasis will be placed on emerging technology that could have a significant impact on teaching, learning, nursing practice and scholarship. Technologies that may be included are social computing, mobile computing, web based strategies, virtual worlds, simulation, and learning management systems. The course content will change over time as emerging technologies become available and affect teaching, learning and creative expression in higher education.

***NURS 7314 Analytical Approaches to Outcomes Management: Individuals and Populations: 3 semester hours.***

This course prepares the student to analyze epidemiological, biostatistical, environmental, and other appropriate data related to individual, aggregate, and population health. Students will learn business and economic procedures for analysis of cost effective initiatives to improve quality and safety of health care outcomes. Organization of relevant variables for place in databases, identification of appropriate analyses for health-related questions, and synthesis of diverse approaches to understanding health problems in the literature will be integrated into coursework.

***NURS 7324 Translating Evidence into Advanced Nursing Practice: 3 semester hours.***

This course focuses on the integration and application of knowledge into practice. The translation of evidence into practice, including the theoretical and practical challenges, is analyzed through the use of case studies with consideration of legal and ethical principles. Specifically, theories of change, theories of caring, human needs and value systems, financial, ethical and social implications are considered in the translation of evidence into practice. Translation techniques, including informatics, will be discussed. Evaluation strategies, methods and analysis will be applied to assess proposed improvements in practice and care outcomes.

***NURS 7325 DNP Project 1: 3 semester hours.***

This course is part of a two semester sequence with stipulated guidelines and required of all DNP students. The course focuses on the initial development of a capstone project including review of problem statement, review of the literature, objective, project activities, project timeline, resources, and evaluation strategies. It also includes process and outcome evaluation, budget development, and measurement tools. The project may include financial/management, clinical, or educational components as appropriate. The project will be developed under the supervision of the student's DNP project committee. May be repeated. If in progress "IP" grade received, continuous registration and enrollment in this course are required until course requirements are completed.

***NURS 7326 DNP Project 2: 3 semester hours.***

This course is the second part of a three semester sequence required of all DNP students. The course focuses on implementation of the DNP project that was planned and approved in NURS 7253 (DNP Project 1). Strategies to address challenges in the implementation of the capstone project will be explored. The collection and analysis of data to evaluate the outcomes of the capstone project is the culmination of this course. Students will also develop and present a comprehensive report describing their project, implementation, evaluation, results and future recommendations. May be repeated. If in progress "IP" grade received, continuous registration and enrollment in this course are required until course requirements are completed. Prerequisites: NURS 7325 or NURS 7523.

***NURS 7330 Program and Curriculum Design: 3 semester hours.***

The focus of this course is on curricula design and development. Students will examine principles of curriculum and program design, factors that affect curriculum, philosophies, conceptual frameworks, models and evaluation. Emphasis is placed on the relationship between philosophy, program outcomes and the accreditation process.

***NURS 7338 Practice Residency I: 3 semester hours.***

This is one of two clinical residency courses providing for synthesis experiences with a clinical coach in the student's advanced practice specialization, practice/administration or both. Students will synthesize concepts from biophysical, psychosocial, sociopolitical, culture, economic, and nursing science to impact and understand the consequences of advanced practice decisions. May be repeated. If in progress "IP" grade received, continuous registration and enrollment in this course are required until course requirements are completed.

***NURS 7339 Practice Residency II: 3 semester hours.***

This course is the continuation of the clinical residency. Utilizing newly acquired knowledge, students will appraise their current practice environments as appropriate to the student's practice agenda. The student will also continue to work with his or her clinical mentor. May be repeated. If in progress "IP" grade received, continuous registration and enrollment in this course are required until course requirements are completed. Prerequisites: NURS 7338 or NURS 7383.