Nursing

**NU 101 Freshman Seminar in Nursing** 2 cr
The purpose of this course is to introduce the unique requirements and opportunities of professional nursing to beginning students who have declared nursing as their major and are considering nursing as a major. The course focuses on the value of higher education as a base for a career in nursing and develops an awareness of activities and support services available within the University to enhance student success. Academic rules and regulations and policies related to admission, progression, and graduation in the University and College are discussed.

**NU 300 Foundations of Prof Nsg - W** 5 cr
The purpose of the course is to provide students the opportunity to appraise theories, concepts, evidence, issues and trends in promoting the health of an adult-geron population experiencing commonly occurring health care needs. Emphasis is on the use of the nursing process and other systematic approaches to assess, plan, implement, and evaluate health promotion and maintenance activities, illness care, and rehabilitation with adults in a variety of acute and community settings.
Co-requisite: NU 301
Pre-requisite: NU 325 Minimum Grade of C and NU 327 Minimum Grade of C and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C) and NU 311 Minimum Grade of C and HSC 342 Minimum Grade of C.

**NU 301 Foundations of Prof Nsg Clin** 3 cr
Application of concepts and theories related to health promotion and maintenance, illness care, and rehabilitation with an adult-geron population experiencing commonly occurring health care needs. Emphasis is on the role of the professional nurse and on the use of the nursing process with an adult-geron population in a variety of acute and community based settings.
Co-requisite: NU 300
Pre-requisite: NU 325 Minimum Grade of C and NU 327 Minimum Grade of C and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C) and NU 311 Minimum Grade of C and HSC 342 Minimum Grade of C.

**NU 304 Evidence Based Practice in NU** 3 cr
This course surveys the research process. Its focus is on research, the methods for critiquing research, and ethical and legal implications. Emphasis is on the importance of research to nursing practice and the development of critical consumers of nursing research.
Co-requisite: MCN 347, MCN 348
Pre-requisite: (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C) and (HSC 233 Minimum Grade of C and CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C). NU 300 and NU 301 and CMN 350 and CMN 351 can be taken concurrently with this course.

**NU 311 Clinical Nursing Skills** 3 cr
The purpose of this course is to provide students the opportunity to acquire basic nursing care skills. The emphasis is on the responsibilities of the professional nurse in ensuring quality and safety. Students are introduced to simulation as an approach to sharpen clinical reasoning and communication skills in a safe environment. Prerequisites: Admission or special permission of instructor.

**NU 325 Health Assessment** 3 cr
The purpose of the course is to provide students the opportunity to acquire basic nursing assessment skills. The emphasis is on the assessment skills of the whole person, including physical, psychological, sociocultural, and spiritual aspects of persons from all stages of life. Students will learn skills associated with obtaining a health history and performing health assessments across the lifespan. Prerequisite: Admission to professional component or special permission of instructor.

**NU 327 Patho Basis of Nursing** 3 cr
The purpose of the course is to provide students the opportunity to acquire the theory and evidence applicable to the physiology and alterations in physiology of individuals across the lifespan. The emphasis of this course is alterations in cardiovascular, pulmonary, genitourinary, gastrointestinal, immune, neurological, musculoskeletal, and endocrine systems. Prerequisite: Admission to professional component or special permission of instructor.

**NU 390 Sp Top -** 1 TO 8 cr
Study of a significant topic or problem in Nursing and the Health Professions. This course may be repeated for a total of four credits. Requires special permission.

**NU 394 Directed Study -** 1 TO 4 cr
Individual study in a nursing area chosen in consultation with instructor. Requires special permission.

**NU 404 EBP & Informatics** 3 cr
This course designed for Registered Nurse students to apply principles of research, evidence-based practice (EBP) and informatics to practice problems. The focus of the course is interpreting and incorporating research for the improvement of health care. Assignments relate EBP through practice integrated experiences. Emphasis is on critical appraisal of research and use of data in quality improvement.

**NU 410 Concepts of Prof Nursing - W** 6 cr
A bridge course for the Registered Nurse student. Focuses on the philosophy of the College of Nursing and selected theories and concepts that are integrated throughout the curriculum. Emphasis is on professional nursing roles and strategies for health promotion and maintenance with individuals, families, and groups. Requires registered nurse licensure and admission to RN to BSN track. Requires special permission.
NU 412 Decision Making & Delegation 4 cr
This course focuses on continuing the leadership development of the student within the context of providing professional nursing care to patients and families across the lifespan. Decision-making, delegation, and motivation competencies are emphasized. Co-requisite: NU 414, NU 460
Pre-requisite: CMN 420 Minimum Grade of C and CMN 421 Minimum Grade of C and (AHN 330 Minimum Grade of C or AHN 447 Minimum Grade of C) and (AHN 331 Minimum Grade of C or AHN 448 Minimum Grade of C). CMN 420 and CMN 421 can be taken concurrently with this course.

NU 413 Nursing Informatics 3 cr
NU 413, Nursing Informatics, provides the student an introduction to nursing informatics and the evolving importance of the application and evaluation of information technology in nursing and health care. The emphasis of the course is to provide the students the expertise and knowledge to function effectively in the modern healthcare IT environment. Co-requisite: CMN 420, NU 412, NU 460
Pre-requisite: NU 304 Minimum Grade of C and NU 409 Minimum Grade of C and (AHN 330 Minimum Grade of C or AHN 447 Minimum Grade of C) and (AHN 331 Minimum Grade of C or AHN 448 Minimum Grade of C). NU 409 can be taken concurrently with this course.

NU 414 Issues & Trends in Health Care 3 cr
The purpose of this web based course is to provide students the opportunity to integrate leadership roles and functions, management strategies, current issues and trends affecting nursing and health care and continued professional development, into a personal lifelong learning plan. Emphasis is on the professional nurse as a leader in improving patient care and cost effectiveness of health care and the development of a current nursing workforce. National interest areas such as patient safety, policy, patient centered care, and the process for quality improvement are primary focuses. Co-requisite: NU 412, NU 460
Pre-requisite: (AHN 447 Minimum Grade of C or AHN 330 Minimum Grade of C) and (AHN 448 Minimum Grade of C or AHN 331 Minimum Grade of C).

NU 415 Seminar in Issues & Trends 3 cr
The purpose of this course is to introduce Registered Nurse students to a comprehensive array of current issues and trends affecting nursing and health care in society. Emphasis is on the development of professional nursing contributions to the healthcare environment. The focus is on comprehending factors affecting policy generation and implementation. Prerequisites: Completion of all non-nursing prerequisites.

NU 422 Healthcare Leadership & Collab 3 cr
The purpose of this course is to continue the professional development of Registered Nurse students through initiation leadership and collaborative roles in healthcare or community settings. The course focuses on professionalism, leadership roles and functions, management strategies, and emerging trends in nursing and health care. The emphasis of the course is on the professional nurse as a leader in improving health care. Activities include a practice integrated experience application of quality improvement process to promote optimal health care delivery.

NU 425 Hlth Assm Across the Lifespan 3 cr
The purpose of the course is to provide Registered Nurse students the opportunity to validate and improve nursing assessment skills. Emphasis is on skill sets necessary for assessment of the whole person, including physical, psychological, sociocultural, and spiritual aspects across the lifespan. The emerging role of genomics as a primary element of health history will be explored. Students will demonstrate practice integrated skills of obtaining a health history, performing physical assessments, and completion of comprehensive health assessments for health promotion and maintenance.

NU 427 Pathophysiology & Genomics 3 cr
The purpose of the course is to provide Registered Nurse students the opportunity to acquire the theory and evidence applicable to the physiology and alterations in physiology of individuals across the lifespan. The emphasis of this course is alterations in cardiovascular, pulmonary, genitourinary, gastrointestinal, immune, neurological, musculoskeletal, and endocrine systems. Special attention is given to emerging evidence regarding genomics and its contribution to understanding of pathophysiology.

NU 430 Nursing Care Critical Patient 3 cr
Provides students the opportunity to analyze theories, concepts, research, issues and trends in caring for critically ill patients of all ages. Content includes internal and external environmental factors affecting the care of critically ill patients of all ages. Emphasis is on the role of the professional nurse in health promotion and maintenance, illness, care, and rehabilitation of the critically ill. Pre-requisite: (AHN 330 Minimum Grade of C or AHN 447 Minimum Grade of C) and (AHN 331 Minimum Grade of C or AHN 448 Minimum Grade of C).

NU 440 Health Assessment Accel 1 cr
The purpose of the course is to provide students the opportunity to acquire basic nursing assessment skills. the emphasis is on the assessment skills of the whole person, including physical, psychological, sociocultural, and spiritual aspects of persons from all stages of life. Students will learn skills associated with obtaining a health history and performing health assessments across the lifespan. Co-requisite: NU 441, NU 442, NU 540, NU 541, NU 542
NU 441 Pathophysiology Accel 1 cr
NU 441: The purpose of the course is to provide students the opportunity to acquire the theory and evidence applicable to the physiology and alterations in physiology of individuals across the lifespan. The emphasis of this course is alterations in cardiovascular, pulmonary, genitourinary, gastrointestinal, immune, neurological, musculoskeletal, and endocrine systems.
Co-requisite: NU 440, NU 442, NU 540, NU 541, NU 542

NU 442 Pharmacology Accel 1 cr
NU 442: Clinical application of drug therapy and the concepts relating to the mechanisms of drug actions, interactions, and adverse reactions, including immunologic-idiopathic-allergic drug responses. Emphasis is on pharmacokinetics, dosage, methods of administration, and adverse effects of drugs according to major classifications. Current research in pharmacology is also incorporated in course content.

NU 460 Practicum - W 5 cr
Culminating clinical practice course to provide students an in-depth learning experience in a selected area of nursing practice. The leadership, management, and caregiver roles of the professional nurse with patients and in a selected area of nursing practice is emphasized. Students are assigned to nurse preceptors and with faculty guidance focus on leadership and management, and application of the nursing process theories, concepts, research, issues and trends in caring for patients in a variety of preceptorship placements in acute and community settings.
Co-requisite: NU 412, NU 414
Pre-requisite: CMN 420 Minimum Grade of C and CMN 421 Minimum Grade of C and (AHN 330 Minimum Grade of C or AHN 447 Minimum Grade of C) and (AHN 331 Minimum Grade of C or AHN 448 Minimum Grade of C). CMN 420 and CMN 421 can be taken concurrently with this course.

NU 461 Integration Prof Practice - W 4 cr
The purpose of this course is to provide Registered Nurse students the opportunity to integrate professional role characteristics with a capstone practice integrated experience. This in-depth learning activity draws on prior work in evidence-based practice, nursing role development, scientific and humanistic foundations, and collaboration. The focus is on application of principles of leadership to create a substantive activity contributing to healthcare improvement. Emphasis is on implementation and evaluation of an initiative in a selected practice setting addressing a health need or problem.

NU 490 Special Topics 0 TO 9 cr
Study of a significant topic or problem in nursing and the health professions. This course may be repeated for a total of four credits. Requires special permission.

NU 499 NU Honors Senior Project 1 TO 6 cr
The purpose of the course is to provide students the opportunity to investigate scholarly undergraduate research, service-learning, or study abroad experiences resulting in development of the written honors thesis. Nursing Honors Program. Requires special permission.
Pre-requisite: HON 301 Minimum Grade of D. HON 301 can be taken concurrently with this course.

NU 515 CNS Role I 2 cr
Analysis and evaluation of advanced clinical concepts and the role of nursing in providing evidence based care to facilitate positive health outcomes. The focus of the course is on the role of the CNS in wellness, health promotion and disease prevention, risk assessment and reduction, individual and community screening measures, and alternative health practices across the life span for early adult to the frail elderly.
Pre-requisite: NU 545 Minimum Grade of C and NU 578 Minimum Grade of C and NU 518 Minimum Grade of C and NU 608 Minimum Grade of C. NU 545 and NU 578 and NU 518 and NU 608 can be taken concurrently with this course.

NU 516 CNS Roles II 3 cr
The purpose of this course is to provide a forum for the analysis, synthesis, and application of knowledge required for the CNS role in the management of acute health problems for the early adult to the frail elderly. The course focuses on the CNS's spheres of influence on health care incorporating the perspectives of social justice, fiscal stewardship, client advocacy, and evidence based practice. The emphasis is on maximizing the students' ability to identify problems, manage resources and fiscal outcomes, design and select therapeutic interventions, and evaluate products and devices for use with patients and health team members from diverse cultural and ethnic backgrounds. Potential for contributions and entrepreneurial opportunities within nursing will be addressed.
Co-requisite: AHN 517
Pre-requisite: NU 515 Minimum Grade of C and AHN 516 Minimum Grade of C.
NU 517  CNS Role III  3 cr
The purpose of this course is to provide a forum for the analysis, synthesis, and application of knowledge required for the CNS role in the management of chronic problems as well as management and prevention of exacerbations of chronic health problems. The course focuses on the CNS's spheres of influence on health care incorporating the perspectives of social justice, fiscal stewardship, client advocacy, and evidence based practice. The emphasis is on maximizing the students' ability to identify problems, manage resources and fiscal outcomes, design and select therapeutic interventions, and evaluate products and devices for use with patients and health team members from diverse cultural and ethnic backgrounds. Potential for contributions and entrepreneurial opportunities within nursing will be addressed.
Co-requisite: AHN 518
Pre-requisite: NU 516 Minimum Grade of C and AHN 517 Minimum Grade of C and NU 607 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 610 and NU 613 can be taken concurrently with this course.

NU 518  Adv Nursing Assessment  3 cr
This course is designed to further develop the student's advanced knowledge and skills for obtaining and recording a systematic health history and advanced physical examination of individuals and families across the lifespan. The course involves synthesis and application of nursing, biologic, psychologic, and socio-cultural knowledge and theories in comprehensive health assessment for the purposes of health promotion, differential diagnosis, and development of health records. The central objective is the development of cognitive and clinical skills needed to provide comprehensive care to individuals of all ages in primary, secondary, and tertiary care settings.

NU 530  Bridge Adv Health Assessment  4 cr
This course is a bridge course for the RN-BSN/MSN track. This course is designed to develop the student's advanced knowledge and skills for obtaining and recording a systematic health history and advanced physical examination of individuals and families across the lifespan. The course involves synthesis and application of nursing, biologic, psychological, and sociocultural knowledge and theories in comprehensive health assessment for the purposes of health promotion, differential diagnosis, and development of health records. The central objective is the development of cognitive and clinical skills needed to provide comprehensive care to individuals of all ages in primary, secondary, and tertiary care settings.

NU 531  Bridge Adv Pathophysiology  4 cr
Bridge course for the accelerated track. Focuses on pathophysiology and cellular physiology theory and research of the cardiovascular, pulmonary, genitourinary, gastrointestinal, immune, neurological, integumentary, musculoskeletal, and endocrine systems. This course provides students with a foundation for providing nursing care to persons having acute, chronic and long-term health care problems.

NU 532  Accel Adv Pharmacology  4 cr
Bridge course for accelerated track. Advanced clinical application of drug therapy and concepts relating to the mechanisms of drug actions, interactions, and adverse reactions, including immunologic-idiopathic-allergic drug responses. Emphasis on pharmacokinetics, cultural/ethnic considerations, dosage, methods of administration, and adverse effects according to major classifications. Current research in pharmacology is also incorporated in course content.

NU 533  Acc MSN Adv Research in Nsg  4 cr
Bridge course for Accelerated MSN track. Evaluation of methods, designs, issues in nursing research; methods for critiquing research, data analysis methods, ethical and legal implications. Emphasis is on the importance of research and evidenced-based practice to nursing. Development of critical consumers of research and participants in the research process.
Pre-requisite: CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C.

NU 534  Acc MSN Adv Nsg Roles & Ldrshp  4 cr
Bridge course for Accelerated MSN track. Socialization process of students as professional nurses, leadership roles and functions, management strategies, continued professional development, and issues and trends in nursing and health care, analysis of selected advanced nursing roles, frameworks which provide the basis for specialization and expansion of roles for advanced nursing practice.
Pre-requisite: CMN 420 Minimum Grade of C and CMN 421 Minimum Grade of C and (AHN 330 Minimum Grade of C or AHN 447 Minimum Grade of C) and (AHN 331 Minimum Grade of C or AHN 448 Minimum Grade of C). CMN 420 and CMN 421 can be taken concurrently with this course.

NU 535  Clin Ldr Role & Competencies  3 cr
The purpose of this courses is to explore the role and function of the clinical nurse leader. The course focuses on the implementation of the role which will vary across settings and facilities. The emphasis is on evidenced-based practice and knowledge and skills that the CNL role requires for successful enactment of the role.
Co-requisite: NU 536
Pre-requisite: NU 506 Minimum Grade of C and NU 518 Minimum Grade of C and NU 545 Minimum Grade of C and NU 578 Minimum Grade of C. NU 518 and NU 545 and NU 578 can be taken concurrently with this course.
NU 536  Clin Nurse Ldr Pract I  5 cr
The purpose of this first of two capstone Clinical Nurse Leader courses is to provide students an in-depth preceptor-based clinical experience in a selected area of nursing practice. The focus of the course is on the CNL as caregiver, leader, and care manager. Emphasis is on the application of the nursing process, theories, concepts, research, issues and trends in providing care in complex patient situations and managing the care of a group of patients.
Co-requisite: NU 535
Pre-requisite: NU 607 Minimum Grade of C.

NU 537  Clin Nurse Leader Synthesis  3 cr
The purpose of this culminating synthesis course for the CNL role is provide students an opportunity to analyze and evaluate actual CNL practice patterns. The course focuses on continuing to build the students competencies in clinical decision making, problem identification, resource management, and outcome measurement for a selected patient population at the point of care. The emphasis is on working with patients and health team members from diverse cultural and ethnic background, accountability for coordination, delegation and supervision of care within a multidisciplinary team.
Co-requisite: NU 538
Pre-requisite: (NU 535 Minimum Grade of C and NU 536 Minimum Grade of C) and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C and NU 607 Minimum Grade of C.

NU 538  Clinical Nrse Ldr Prac II  4 cr
The purpose of this second of two capstone Clinical Nurse Leader courses is to provide students an immersion experience in the CNL role in a selected area of nursing practice. The focus of the course is to further develop CNL competencies with emphasis on team leading and building, advocacy, communication, resource and outcomes management, and evidenced based practice.
Co-requisite: NU 537
Pre-requisite: NU 535 Minimum Grade of C and NU 536 Minimum Grade of C.

NU 539  Intro to Nursing Informatics  3 cr
The purpose of this course is to provide the student an introduction to nursing informatics and the evolving importance of the application and evaluation of information technology in nursing and health care. The emphasis of the course is to provide the students the expertise and knowledge to function effectively in the modern health care information technology (IT) environment.

NU 540  Adv Health Assessment Accel  3 cr
Nu 540: Bridge course for the Accelerated MSN track. In conjunction with NU 440, this course is designed to develop the student's advanced knowledge and skills for obtaining and recording a systematic health history and physical examination of individuals and families across the lifespan. The course involves synthesis and application of nursing, biologic, psychologic, and sociocultural, differential diagnosis, and development of health records. Emphasis is on the development of skill in obtaining and recording a comprehensive health history and performing a physical exam of individuals from diverse heritages across the lifespan.
Co-requisite: NU 440, NU 441, NU 442, NU 541, NU 542

NU 541  Adv Pathophysiology Accel  3 cr
NU 541: Bridge course for the Accelerated BSN/MSN track. In conjunction with NU 441, this course will provide the student with a foundation for building diagnostic reasoning skills related to underlying pathophysiological processes in order to provide nursing care to persons across the lifespan having acute, chronic and long-term health care problems. The course focuses on cellular physiology and pathophysiology theory and research applicable to cardiovascular, pulmonary, genitourinary, gastrointestinal, immune, neurological, musculoskeletal, and endocrine systems. Regulatory and compensatory functions in health and in pathophysiological conditions will be emphasized.

NU 542  Adv Pharmacology Accel  3 cr
NU 542: Bridge course for the Accelerated MSN track. In conjunction with NU 442, this course enables students to acquire pharmacological knowledge that can be integrated into treatment of various disease states in their future practice. The course will include content of clinical pharmacology of commonly encountered drug categories. Pharmacokinetics of drug therapy for commonly occurring pathophysiological processes managed by the advanced practice nurse will be analyzed. The mechanism of action, pharmacologic response, usual dose, adverse effects, indications, interactions, contraindications, and special routes of administration of drugs used throughout the lifespan will be emphasized. Economics, legislative, ethical, cultural, and ethnic considerations of drug therapy issues affecting pharmacological management will also be addressed.

NU 545  Physio-Patho Basis of Adv Nsg  3 cr
The purpose of this course is to provide the advanced practice nurse with knowledge of normal physiology and alterations in physiology in individuals across the life span. The focus is theory and research applicable to organ systems and cellular events. Emphasis is on regulatory and compensatory functions in health and in pathophysiological conditions.
NU 556  Informatics & Qual Care Improv  3 cr
The purpose of this course is to focus on quality improvement models and methods which will use client outcome measures across a broad range of health care settings. Emphasis will be placed on Continuous Quality Improvement (CQI) methods and their relationships with current health care systems.
Co-requisite: NU 557
Pre-requisite: ISC 555 Minimum Grade of C and NU 565 Minimum Grade of C and NU 559 Minimum Grade of C and ISC 550 Minimum Grade of C and NU 562 Minimum Grade of C. NU 565 and NU 559 and ISC 550 can be taken concurrently with this course.

NU 557  Clinical Informatics Pract I  2 cr
This clinical course allows students to integrate concepts and theories in clinical informatics in selected health care settings. This practicum offers students an opportunity to work closely with a health care vendor and integrate concepts/theories in clinical informatics. Additionally students will begin to learn how to configure and customize operating systems. Students will also begin to identify their site for Clinical Informatics Practicum II.
Co-requisite: NU 556

NU 558  Seminar in Nursing Informatics  3 cr
This course will provide students the opportunity to discover the responsibilities of the Nursing Informatics Specialist's role by applying legal/ethical concepts to selected case studies in a variety of situations.
Co-requisite: NU 559
Pre-requisite: NU 607 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C and NU 608 Minimum Grade of C. NU 607 and NU 610 and NU 613 and NU 608 can be taken concurrently with this course.

NU 559  Clinical Informatics Pract II  2 cr
This clinical course allows students to integrate and apply informatics competencies in the nurse informatics specialty role while working closely with a guided preceptor. This role may take place within a variety of health care settings.
Co-requisite: NU 558

NU 561  Nursing Admin Concepts-Theory  3 cr
The purpose of this course is to introduce the role of the nurse executive. The course focuses on role expectations and professional competency requirements. Emphasis within the course is placed on the influential role of the nurse executive in improving patient care, improving health of populations, and reducing healthcare costs.
Co-requisite: NU 566

NU 562  Admin Concepts & Res Mgt FS  3 cr
The purpose of this course is to examine concepts and methods of administration applying these concepts and methods in supervised field activities. The focus is identification of health goals and management of physical, financial, and human resources in healthcare systems. Emphasis is on organizational leadership, interdisciplinary team functioning, and political collaboration to meet health care needs of vulnerable populations in culturally diverse communities.
Pre-requisite: NU 607 Minimum Grade of C. NU 607 can be taken concurrently with this course.

NU 565  Nursing Administration Finance  3 cr
The purpose of this course is to introduce nurse administrators to healthcare financial management. The course focuses on reimbursement and expenditures for healthcare delivery. Emphasis within the course is placed on basic accounting, financial decision-making, statement analysis, & staffing plans.
Pre-requisite: NU 607 Minimum Grade of C. NU 607 can be taken concurrently with this course.

NU 566  Nursing Admin Field Study  4 cr
The purpose of this first practicum course is to provide the nurse executive student a faculty and preceptor facilitated clinical experience in a healthcare setting. The course focuses on the professional role and competencies of the nurse executive. Emphasis within the course is placed on the application and synthesis of knowledge and skills acquired in previous courses.
Co-requisite: NU 561
Pre-requisite: NU 565 Minimum Grade of C and NU 562 Minimum Grade of C and HSC 571 Minimum Grade of C.

NU 567  Nursing Admin Internship  3 cr
The purpose of this culminating practicum course is to provide students a faculty and preceptor facilitated clinical experience in a healthcare setting. The course focuses on continued professional role and competencies development of the nurse executive. Emphasis within the course is placed on the application and synthesis of knowledge and skills acquired in previous courses.
Co-requisite: NU 568
Pre-requisite: NU 566 Minimum Grade of C and NU 539 Minimum Grade of C and NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 608 and NU 610 and NU 613 can be taken concurrently with this course.

NU 568  Nursing Admin Seminar  3 cr
The purpose of this course is to prepare students for the role of nurse executive. The course focuses on professional competency development. Emphasis within the course is placed on strategic planning, governance, regulations, politics, and current issues trend.
Co-requisite: NU 567
Pre-requisite: NU 539 Minimum Grade of C.
NU 578 Pharm Adv Practice Nurses 3 cr
The purpose of this course is to expand the pharmacological knowledge of the advanced practice nurse. The focus is the selection and monitoring of drug therapy for persons throughout the lifespan. Emphasis is on pharmacokinetics and pharmacotherapeutics of major drug classifications. Pre-requisite: NU 545 Minimum Grade of C. NU 545 can be taken concurrently with this course.

NU 590 Special Topics - 0 TO 9 cr
Study of significant topics or problems in nursing and the health professions. Content will vary. May be repeated.

NU 594 Directed Studies 1 TO 11 cr
Directed study under the direction of a member of the graduate faculty.

NU 599 Thesis 1 TO 3 cr
The purpose of this course is to provide an opportunity to complete a research study with the guidance of a graduate faculty committee. The focus is on research in advanced nursing practice.
Pre-requisite: NU 513 Minimum Grade of C.

NU 600 DNP PP&D 3 cr
This course assists the DNP student to learn the processes embedded in developing doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the students selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.
Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C.

NU 607 Scientif Underpinnings Adv Nsg 3 cr
The purpose of this course is for the MSN/DNP student to explore the scientific underpinnings that define the nature of health and healthcare delivery and to provide the basis for practice at the highest level of nursing. The focus of this course is to explore the structure and nature of nursing science as it relates to advanced nursing practice. The course emphasis is on the exploration of a clinically relevant phenomena of interest that will be examined from the philosophical, theoretical, ethical, and conceptual context.

NU 608 EBP & Quality Improvement HCS 3 cr
The purpose of this course is to provide the MSN/DNP student with the foundational components required for effective utilization of evidence based practice within the scope of advanced nursing practice. The course focuses on the use of analytic methods to critically appraise existing literature and other evidence to determine and implement the best evidence for practice. The course emphasis is on the application of quantitative, qualitative, and quality improvement methodologies to promote safe, effective care within healthcare systems.

NU 609 Biostatistics 3 cr
This course explores biostatistical analysis as a base for evidence-based practice in nursing. It includes descriptive and inferential data analysis: basic demographic and epidemiologic statistics; measures of morbidity; rates and ratios; vital statistics; relative risk, odds ratio estimation; validity of clinical and statistical tests; survival analysis; confidence intervals; hypothesis testing; parametric and nonparametric tests; correlation, t-test, chi-square, ANOVA, MANOVA, linear regression; and multiple regression. While minimal calculations (e.g., odds ratios, z-scores, and percent of variance explained) are required, the primary focus is on the correct interpretation and use of quantitative methods in advanced nursing practice. Particular emphasis is placed on probability; power; sample size; and reliability.

NU 610 Healthcare Policy & Finance 3 cr
The purpose of this course for the MSN/DNP student is to develop advanced nursing leaders who have the knowledge and skills to design, analyze, influence, and implement policies that frame health care financing, practice regulation, access, safety, quality, and efficacy. The course focuses on major contextual factors and policy triggers that influence health policy making at various levels. Principles of finance, business, and health care economics will be presented. The course emphasis is on developing essential competencies in health care policy advocacy and health care financing.

NU 611 Translat Evidence Practice Sys 3 cr
The purpose of this course for the DNP student is to provide the methodological basis for translating evidence into practice systems in a variety of healthcare settings. The course focuses on locating, evaluating, synthesizing, channeling, applying, and explaining appropriate findings from laboratory and experimental settings to improve the efficiency and effectiveness of nursing care. The course emphasis is on the use of applied techniques for evidence translation with an exploration of ethics and the protection of human research subjects.
Pre-requisite: NU 608 Minimum Grade of C and NU 607 Minimum Grade of C. NU 608 and NU 607 can be taken concurrently with this course.

NU 612 Clinical Prev Population Hlth 3 cr
The purpose of this course for the DNP student is to explore the multifaceted issues pertaining to population health and health promotion in the local, regional, national, and global populations across the lifespan. The course focuses on health issues and strategies to eliminate health disparities across all population groups. The course emphasizes the use of health surveillance measures and determinants of health to characterize geographical locations and population groups as well as effective health promotion and disease and accident prevention strategies.
Pre-requisite: NU 608 Minimum Grade of C and NU 607 Minimum Grade of C. NU 608 and NU 607 can be taken concurrently with this course.
NU 613  Organizational & Sys Leadershp  3 cr  
The purpose of this course for the MSN/DNP student is to synthesize leadership and organizational theory within the context of complex healthcare systems. The course focuses on the exploration and application of principles of advanced communication, collaboration, and team building to the process of systems change to prepare the student for advanced roles in leading change. Emphasis within the course is placed on assessment of organizational culture as a basis for improvement of individual and aggregate healthcare outcomes; models of quality improvement and project planning, implementation, and evaluation are also examined.

NU 615  Qual Improv & Outcomes Assmnt  3 cr  
The purpose of this course is to build on the foundation established in NU 608 Evidence Based Practice and Quality Improvement in Healthcare Systems to provide the DNP student with additional knowledge and skills to develop, implement, and evaluate programs that improve health outcomes. The course focuses on the design, implementation, and evaluation of quality improvement methodologies. The course places emphasis on applying quality improvement processes to evaluate outcomes of practice against national benchmarks to determine variances in practice outcomes and population trends. Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 611 Minimum Grade of C. NU 607 and NU 608 and NU 611 can be taken concurrently with this course.

NU 616  Data & Dec Mkng Hlth Care Sys  3 cr  
The purpose of this course is to prepare the DNP student to be proficient in the evaluation and use of technology and information systems appropriate to specialized areas of advanced nursing practice. The course focuses on information systems and current technology in the management of healthcare outcomes. Within the course, emphasis is placed on the use of information systems and technology based resources to support clinical and administrative decision making.

NU 620  ISD & Tech for Nurse Educators  3 cr  
The purpose of this course is to provide students the opportunity to design and implement instruction for diverse learners, and evaluate the quality and effectiveness of instruction, especially related to cultural sensitivity. Analysis and synthesis of theories and concepts related to instructional design in nursing practice and education is basic to the process. Emphasis is on integrating technology into the design, implementation, and evaluation of instruction that is based on the evidence that supports nursing education as well as the requirements of the institution, the program and accrediting agencies.

NU 621  Curr & Outcomes Eval Nu Educ  3 cr  
Analysis and synthesis of theories and concepts related to curriculum development and evaluation in nursing. Emphasis is on institutional purposes, goals, nursing curricula, evaluation, and nursing education research.

NU 622  Current Topics in Nu Education  2 cr  
The purpose of this course is to engage the student in an analysis of concepts and theories basic to the nurse educator role in academic and in practice settings. Emphasis is on current issues and trends in nursing education, the role of the DNP nurse educator, and professional, social, political, legal, cultural, and other issues related to nursing education.

NU 623  Nsg Educ Synthesis Practicum  3 cr  
The purpose of this course is the synthesis of nursing education theory in practicum experience. Focus is on the application of nursing education theory in developing, teaching, and evaluating an education unit, exemplifying the nurse educator role, and adhering to institutional and legal guidelines. Pre-requisite: NU 620 Minimum Grade of C and NU 621 Minimum Grade of C and NU 622 Minimum Grade of C. NU 622 can be taken concurrently with this course.

NU 656  NU Informatics Proj Plan & Dev  3 cr  
This course assists the Nursing Informatics DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the Nursing Informatics students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

NU 657  Nursing Informatic Residency I  3 TO 6 cr  
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The Nursing Informatics student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the Nursing Informatics student will work with the primary faculty advisor to complete projects and advance their selected practice area. The Nursing Informatics student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the Nursing Informatics student's career trajectory and approval by collaborating faculty. During the residency semester, student must participate in scheduled scholarly seminars online. Pre-requisite: NU 600 Minimum Grade of P.

NU 658  NU Informatics Residency II  3 TO 6 cr  
Provides Nursing Informatics students the opportunity to fully express all DNP competencies. The Nursing Informatics student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project. Pre-requisite: NU 657 Minimum Grade of C.
NU 659  NU Informatics Residency III  3 TO 6 cr
Final course in residency series as Nursing Informatics student continues to implement and evaluate project plan. Provides Nursing Informatics student the opportunity to fully express all DNP competencies. The Nursing Informatics student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: NU 568 Minimum Grade of C.

NU 661  Nurse Exec Admin PP&D  3 cr
This course assists the Nurse Executive Administration DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the Nurse Executive Administration students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

NU 662  Nurse Exec Admin Res I  3 TO 6 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The Nurse Executive Administration student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the Nurse Executive Administration student will work with the primary faculty advisor to complete projects and advance their selected practice area. The Nurse Executive Administration student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the student's career trajectory and approval by collaborating faculty. During the residency semester, the Nurse Executive Administration student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

NU 663  Nurse Exec Admin Res II  3 TO 6 cr
Provides Nurse Executive Administration students the opportunity to fully express all DNP competencies. The student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: NU 662 Minimum Grade of C.

NU 664  Nurse Exec Admin Res III  3 TO 6 cr
Final course in residency series as the Nurse Executive Administration student continues to implement and evaluate project plan. Provides the Nurse Executive Administration student the opportunity to fully express all DNP competencies. The student, guided by the core faculty and advisor, completes quality improvement evidence-based system's change project.
Pre-requisite: NU 663 Minimum Grade of C.

NU 682  Consultation in Nsg Practice  3 cr
Focuses on the steps of the consulting process in advanced nursing practice with an emphasis on assessment, planning and the communication of findings. Theoretical frameworks and models for consultation are analyzed.

NU 690  Sp Top -  1 TO 9 cr
Selected topics in Nursing Science and/or Nursing Education. Requires special permission.

NU 692  DNP Project Progression  3 cr
Students will register for this course to complete residency course work under the supervision of faculty. Students must remain continuously enrolled until all residency requirements are completed.

NU 694  Directed Study and Research  1 TO 6 cr
Directed study and research facilitated by a member of the graduate faculty. Requires special permission.