NURSING (NSG)

NSG 200 | HEALTH AND NUTRITION | 4 quarter hours
(Undergraduate)
This course provides an introduction to the complex interactions between nutrition, exercise, genetics, cultural factors, physiological and psychological stressors and health. Each class provides an overview on the various nutritional factors which influence the health of individuals. A population based approach is used to address the issue of world hunger and undernutrition. Multiple perspectives relating to nutrition are included such as cultural, religious, family and alternative nutritional lifestyles.

NSG 210 | PARENTING IN MULTICULTURAL FAMILY SYSTEMS | 4 quarter hours
(Undergraduate)
Families exist in complex systems of home, community and environment. Each family depends on their cultural history, previous experiences and social supports to assist with parenting. Today over 70% of families with children have two working parents. In the case of single parenting or blended families stressors are great. This course will examine the effect of culture and family traditions on parenting practices in the United States. Multiple family theories will be introduced and discussed. The primary focus is identification of child and family risk factors and strengths. Identifying positive parenting behaviors will enhance the well being, self esteem and health of the family.

NSG 230 | WOMEN'S HEALTH: THE PHYSICAL SELF | 4 quarter hours
(Undergraduate)
This course explores the biological dimensions of women's health. The theoretical bases for evaluating medical research, assessing personal health, and decision-making consumerism from a feminist perspective are emphasized. An advanced-level scientific research paper due at the end of the quarter.

WRD 103 or HON 101 or HON 100 or ENG 120 is a prerequisite for this class.

NSG 232 | MEN'S HEALTH: THE PHYSICAL SELF | 4 quarter hours
(Undergraduate)
This introductory course explores the unitary nature of men's health patterns focusing on anatomy and physiology of the major body systems emphasizing the difference in males. Health issues pertinent to these system differences in males will be presented based upon health risks, assessment, screening, diagnosis, management and treatment. Developing an understanding of male anatomy and physiology utilizing correct medical terminology to describe various parts and conditions. Elements of scientific research are explored in the context of lecture and laboratory sessions. Students select a research-based topic supported by clinical research studies to articulate their knowledge and understanding through a written paper and oral power point presentation.

NSG 260 | STATISTICS FOR THE HEALTH SCIENCES | 4 quarter hours
(Undergraduate)
This course introduces the health science student to theory and application of probability, risk, descriptive and inferential statistics. Computer laboratory experience focuses on using data sets in clinical trials, epidemiology, and critical pathway development.

NSG 261 | INTRODUCTION TO FINANCE/ACCOUNTING IN HEALTH CARE | 4 quarter hours
(Undergraduate)
This course introduces students to basic principles, concepts, and techniques in cost accounting, reimbursement, budgeting, and financial management in health care for the practicing health professional.

NSG 301 | INTRODUCTION TO THE ART AND SCIENCE OF NURSING I | 5 quarter hours
(Undergraduate)
The foundations of the art and science of nursing and select theories are developed through the study and practice of basic nursing skills, therapeutic communication and critical thinking. Fundamental knowledge, skills and competencies are emphasized through the nursing care of individuals and families. Didactic, clinical, and laboratory experiences facilitate understanding of individual expressions of wellness, health and illness. Course includes 24 lab hours and 24 clinical hours.

NSG 322 and NSG 332 are prerequisites for this class.

NSG 302 | INTRODUCTION TO THE ART & SCIENCE OF NURSING II | 8 quarter hours
(Undergraduate)
The art and science of nursing and select theories are examined to provide the basis for critical thinking, compassionate communication, and therapeutic interventions in the provision of medical/surgical nursing care with adult/geriatric populations. The role of the nurse as a health facilitator and provider of care are emphasized in working with common medical/surgical issues. Didactic, clinical, and laboratory experiences relate to individuals and families experiencing acute and commonly occurring patterns of illness. Course includes 80 clinical hours, 3 lab hours, and 16 CbSL hours. (8 quarter hours)

NSG 301, NSG 322 and NSG 332 are a prerequisite for this class.

NSG 303 | INTRODUCTION TO THE ART & SCIENCE OF NURSING III | 8 quarter hours
(Undergraduate)
The art and science of nursing and select theories are examined further as the basis for critical thinking, compassionate communication, and therapeutic interventions in holistic nursing practice with adult/geriatric populations. The role of the nurse as a health facilitator and provider of care are emphasized in working with complex medical/surgical issues. Didactic, clinical and laboratory experiences relate to health promotion and healing of individuals and families experiencing acute and commonly occurring patterns of illness. Course includes 80 clinical hours and 16 CbSL hours. (8 quarter hours)

NSG 302, NSG 322 and NSG 332 are a prerequisite for this class.

NSG 307 | ART AND SCIENCE OF NURSING IV: PSYCHIATRIC MENTAL HEALTH | 6 quarter hours
(Undergraduate)
This course examines the etiology, symptomatology, and clinical management of selected mental illnesses across the lifespan. A mental health recovery approach is utilized, focusing on the multi-factorial and individualized nature of illness presentations and the need for person-centered care and multi-modal treatment. Critical thinking, compassionate communication, and therapeutic nursing interventions are applied to practicum experiences. Various psychiatric nursing roles will be explored in the contexts of health promotion, disease management and rehabilitation. Course includes 60 clinical hours and 16 CbSL hours. (6 quarter hours)

NSG 303 is a prerequisite for this class.
NSG 322 | BASIC PATHOPHYSIOLOGY AND PHARMACOLOGY | 4 quarter hours
(Undergraduate)
The principles of pathophysiology and pharmacology are introduced and applied in the management of pharmacological therapy. Emphasis includes the fundamental principles of drug mechanism of action, application of specific drugs in the treatment of disease, and related nursing care. To ensure patient safety, attention is given to drug administration and calculations. Developmental changes related to pathogenesis are addressed.
NSG 322 is a corequisite for this class.

NSG 330 | FOUNDATIONS OF PROFESSIONAL NURSING PRACTICE | 2 quarter hours
(Undergraduate)
This course introduces the registered nurse student to the philosophy and mission of the De Paul University School of Nursing RN to MS Program. The central focus will be on the associate degree nurse transition to baccalaureate level education. Major areas of emphasis will include the evolution of nursing as a scientific professional discipline, the role of the professional nurse as a client advocate, change agent, the role of power and politics as sources of empowerment for practice, and legal, and ethical parameters in the scope of nursing practice.

NSG 332 | HEALTH ASSESSMENT | 4 quarter hours
(Undergraduate)
This course is designed to prepare the student to perform a comprehensive history and physical assessment of the individual in the context of the family and community. Didactic and laboratory experiences are provided in the practice of physical assessment. Course includes 30 lab hours.
NSG 332 is a corequisite for this class.

NSG 335 | LESBIAN HEALTH MATTERS | 4 quarter hours
(Undergraduate)
This course explores the unitary processes and experiences of health and quality of life for lesbians in diverse communities and with a range of identification and orientation. The idea that homophobia exists and serves as a significant barrier to access and to maintenance of health for lesbians underpins the course. The course uses multiple forms of scientific literature, general literature, film, and art to study the personal, ecological, and socially constructed determinants of health and quality of life. Various feminist, nursing, queer, and post-colonial perspectives on contemporary scientific and social discourse will emphasize linking health and illness with economic, social/cultural, and political dimensions of society. Concepts of personal health patterning, risk reduction, and health promotion will be stressed.

NSG 376 | COMMUNITY HEALTH NURSING FOR THE PROFESSIONAL NURSE | 4 quarter hours
(Undergraduate)
The emphasis of this course is on the delivery of comprehensive, culturally appropriate services to meet the continuing health needs of families, aggregates, and communities. Students will design population-focused nursing interventions to reduce assessed risk, incidence, and prevalence of community health problems. The role of the community health nurse in health promotion, disease, and injury prevention and management across the lifespan is examined, specifically across the continuum of care and coordination of services at the individual and population levels. Emphasis is placed on current trends and professional, legal/ethical, economic, cultural, and environmental issues as they apply to community health nursing.

NSG 377 | PRACTICUM: THE PROFESSIONAL NURSE AND COMMUNITY HEALTH | 4 quarter hours
(Undergraduate)
This course provides opportunities for developing the professional nurse role in community health care. Experiential learning activities focus on community assessment, health program planning and evaluation, and management of innovation at the community level. Health education and leadership development are emphasized in both public health and community-based settings involved in health care delivery for individuals, families, and communities.
NSG 376 is a prerequisite for this class.

NSG 380 | UNDERGRADUATE NURSING SYNTHESIS | 4 quarter hours
(Undergraduate)
This course provides a capstone experience of the art and science of professional nursing practice in contemporary society with integration of the liberal studies program. Applying a multidisciplinary view of baccalaureate level nursing practice, students will identify a practice concern in their nursing field of interest and develop a quality improvement plan or policy revision recommendation from assessment to an evaluation plan.

NSG 393 | FOUNDATIONS FOR SUCCESS IN NURSING | 3 quarter hours
(Undergraduate)
This course provides a capstone experience of the art and science of professional nursing practice in contemporary society with integration of the liberal studies program. Applying a multidisciplinary view of baccalaureate level nursing practice, students will identify a practice concern in their nursing field of interest and develop a quality improvement plan or policy revision recommendation from assessment to an evaluation plan.

NSG 399 | INDEPENDENT STUDY | 1-4 quarter hours
(Undergraduate)
INDEPENDENT STUDY (variable credit)

NSG 400 | THEORETICAL COMPONENTS OF NURSING | 4 quarter hours
(Graduate)
This course is designed to examine the nature, function, and development of concepts, models, and theories for their relevance to advanced nursing practice and nursing research. The structure of theory is analyzed by examining the relationship between theoretical components. A variety of types of theoretical statements utilized to conceptualize nursing practice and research are presented and evaluated. A process for developing a conceptual framework for inquiry and data-based nursing practice is presented. Course includes 16 CbSL hours (MENP req. only).
NSG 431 (or status as an RN to MS or DNP student) is a prerequisite for this class.

NSG 401 | NURSING RESEARCH I | 4 quarter hours
(Graduate)
This is a seminar course emphasizing the components of the research process. Using discussions and analysis of published studies, students will examine current research problems and their associated methodological and ethical issues. Students will prepare problem statements, formulate research questions, review nursing research literature, and utilize appropriate methodologies to prepare a proposal for conducting an integrative review of literature.
NSG 400 is a prerequisite for this class.
NSG 422 | APPLIED PATHOPHYSIOLOGY | 4 quarter hours  
(Graduate)  
This course includes an intensive study of human anatomy, physiology, and complex pathophysiologic processes utilizing the principles underlying chemistry, biology, and genomics. Current research findings are incorporated for health promotion, maintenance, and restoration.  
Status as an NP student or (status as an MENP student and NSG 332) is a prerequisite for this class.

NSG 424 | PATHOPHYSIOLOGY FOR ADVANCED PRACTICE | 4 quarter hours  
(Graduate)  
Survey of current advances on human physiology with emphasis on the cellular and microcellular basis of health and disease. Students will engage in intensive study of human anatomy and physiology and complex pathophysiologic processes. Current research findings are reviewed for implications for health promotion, health maintenance and health restoration.

NSG 425 | FISCAL MANAGEMENT IN HEALTH CARE | 4 quarter hours  
(Graduate)  
Fiscal management and budgetary practices in health care institutions are explored. Budget preparation, cost-benefit, analysis, product costing, reimbursement, and analysis of financial status in organizations is emphasized.

NSG 426 | PHARMACOLOGY II | 4 quarter hours  
(Graduate)  
Concepts from NSG 322: basic pathophysiology and pharmacology are reinforced and explored in greater depth and complexity. Additional classes of medications are introduced and integrated with an emphasis on assessing and evaluating patient responses.  
NSG 322 is a prerequisite for this class.

NSG 428 | PATHOPHYSIOLOGY FOR ADVANCED PRACTICE | 4 quarter hours  
(Graduate)  
Using a case study approach, pathophysiologic and physiologic alterations will be analyzed in selected systems-related disease processes. Appropriate clinical and lab analysis will be included in preparation for advance practice. Using a variety of learning modalities, students will explore current theories and research related to pathology, pathophysiology and abnormal physiologic function including implications for health promotion, maintenance and restoration.

NSG 429 | PATHOPHYSIOLOGY & APPLIED PHARMACOLOGY | 4 quarter hours  
(Graduate)  
This course builds on the background of the registered nurse in exploring advanced concepts of pathophysiology and pharmacology. Emphasis is placed on concepts of pathophysiology in relationship to pharmacologic therapies and clinical management. The application of pharmacologic therapies in health promotion and patient management is explored from perspective of the masters prepared nurse.

NSG 430 | POLITICAL AND LEGAL ISSUES IN HEALTH CARE | 2 quarter hours  
(Graduate)  
Seminars will discuss social, economic, legislative and regulatory mechanisms that influence professional practice and health policy in the United States. Emphasis is on the legal definition of professional practice as well as major issues involved in designing, implementing and evaluating policy decisions including scope, dynamics, and conceptual and practical dilemmas. (2 quarter hours)

NSG 431 | HEALTH PROMOTION FOR FAMILIES AND COMMUNITIES | 4 quarter hours  
(Graduate)  
Examines issues, frameworks, theories and techniques relevant to health promotion for individuals, families and communities. Physical and social determinants of health are examined as are methods for assessing and facilitating cultural competence. The nurse's role as advocate for health promotion and wellness in public policy is discussed. Course includes 16 CbSL hours (MENP req. only).

NSG 433 | NURSING AND BIOMEDICAL ETHICS IN HEALTH CARE | 2-4 quarter hours  
(Graduate)  
Seminars and case studies are used to explore issues and frameworks for ethical practice and research in the health professions. (2 quarter hours)

NSG 434 | COMMUNITY ENGAGEMENT SEMINAR I | 1 quarter hours  
(Graduate)  
This course is designed to provide a deeper understanding and integration of academic service learning in the community. It will provide students in the Masters Entry Nursing program with an opportunity to utilize the knowledge and skills gained throughout the program and begin an analytical paper and presentation critically addressing a community health problem. The nursing process will be used to delve deeply into the community engagement experience, Health policy implications and integration of a theoretical framework will be included.

NSG 435 | COMMUNITY ENGAGEMENT SEMINAR II | 1 quarter hours  
(Graduate)  
This course is designed to build on Community Engagement Seminar I. It will provide students in the Masters Entry Nursing program an opportunity to delve deeper into their community engagement experience with a focus on health intervention evaluation, dissemination and sustainability while finalizing their analytical paper and presentation.

NSG 440 | MATERNAL HEALTH NURSING | 6 quarter hours  
(Graduate)  
Focus is on the role of the nurse in providing care to individuals and families throughout the childbearing cycle, including care of the newborn. Didactic, clinical and laboratory experiences relate to maternal-child nursing. Course includes 60 clinical hours. (6 quarter hours)  
NSG 441 is a corequisite for this class.

NSG 441 | INFANT, CHILD AND ADOLESCENT NURSING | 6 quarter hours  
(Graduate)  
Focus is on the role of the nurse in caring for children ranging from newborns through adolescents. Emphasis is placed on the physical, psychosocial, and developmental needs of children within the family in the promotion of health as well as during the alterations that occur during illness. Didactic, clinical, and laboratory experiences relate to nursing care of children and families. Course includes 60 clinical hours and 16 CbSL hours. (6 quarter hours)  
NSG 440 is a corequisite for this class.

NSG 442 | COMMUNITY HEALTH NURSING | 4 quarter hours  
(Graduate)  
Emphasis is on principles of health care, strategies of health promotion, disease prevention and management across the life-span in community settings. Current trends and professional, legal/ethical, economic, cultural, and environmental issues are examined in the context of community health nursing. Didactic, clinical, and laboratory experiences relate to community-based nursing. Course includes 60 clinical hours and 16 CbSL hours. (6 quarter hours)  
NSG 440 and NSG 441 are a prerequisite for this class.
NSG 443 | CLINICAL IMMERSION AND INTERNSHIP | 6 quarter hours  
(Graduate)  
A 130 hour clinical capstone course in which the student is paired with a nurse preceptor in a healthcare setting. This bridging course facilitates student transition to entry-level nursing practice. Course includes 130 clinical hours. (6 quarter hours)  
NSG 442 and NSG 472 are a prerequisite for this class.

NSG 445 | NURSING PROFESSIONALISM, ADVOCACY, AND LEADERSHIP | 4 quarter hours  
(Graduate)  
This course discusses the concepts essential to the development of the professional identity and role of the nurse as a leader and advocate in a complex health care system. Drawing on current knowledge and theories of leadership, concepts such as communication, delegation, conflict resolution, negotiation and team building, and health care law and ethics will be discussed.

NSG 446 | ETHICAL AND POLITICAL ENGAGEMENT IN NURSING | 4 quarter hours  
(Graduate)  
This course is designed to explore the leadership and advocacy skills required of advanced nursing practice in a complex health care system. The course will focus on health law, ethics and policy in the context of social justice issues common in a diverse society. Students will integrate leadership and advocacy concepts and processes to all levels of healthcare with specific focus on health ethics and policy.

NSG 448 | INDEPENDENT STUDY | 1-6 quarter hours  
(Graduate)  
This course is reserved for individuals who wish to do focused study at the graduate level. (variable credit)

NSG 450 | SELECTED TOPICS IN NURSING | 2-4 quarter hours  
(Graduate)  
This course is reserved for special seminars organized from time to time to accommodate the needs of groups interested in specific topics. (2 quarter hours)

NSG 451 | INTRODUCTION TO NURSING ADMINISTRATION AND LEADERSHIP | 4 quarter hours  
(Graduate)  
This course is an introduction to the nursing leadership concentration as well as an overview of current issues and theory of nursing administration for all advanced practice nurses. As an introduction to the nursing leadership concentration, this course places emphasis on developing master’s level skills of critical reading, scholarly writing, analytical discussion, and shared leadership. May also be taken as a health sciences management elective. The expected outcome of the course is a nursing research question and literature review that will form the basis of the students work in their concentration and the final research project.

NSG 452 | ORGANIZATIONAL AND FINANCIAL MANAGEMENT IN HEALTH CARE | 2-4.5 quarter hours  
(Graduate)  
This course provides insight and reflection on the executive role in advanced practice and organizational administration. Concepts, models, and techniques used to manage systems in a variety of health care organizations or practices are analyzed. Organizational assessment, resource development, and product costing are emphasized. This course provides insight and reflection on the executive role in advanced practice and organizational administration. Concepts, models, and techniques used to manage systems in a variety of health care organizations or practices are analyzed. Organizational assessment, resource development, and product costing are emphasized. (2 quarter hours)

NSG 453 | CASE MANAGEMENT AND THE MANAGED CARE ENVIRONMENT | 4 quarter hours  
(Graduate)  
In this course, students engage in analysis of concepts central to an in-depth understanding of the managed care environment and case management as a clinical care system. Emphasis is upon development of skill in organizational and population-based assessment and data analysis, clinical pathway development, and interdisciplinary collaboration. Students develop a database for a clinical project focusing on a client population from their work environment.

NSG 454 | INNOVATIONS IN HEALTH CARE DELIVERY | 4 quarter hours  
(Graduate)  
This course provides the instruction and clinical experience for the development of the advanced practice nurse role as case manager and administrator. Learning activities focus on implementing contemporary data-based nursing practice models in a variety of health care settings, and the diffusion of innovation at the individual, family and organizational levels.

NSG 455 | CURRICULUM DEVELOPMENT FOR HEALTH CARE SYSTEMS | 4 quarter hours  
(Graduate)  
Theories, principles and approaches to curriculum development are explored. Basic elements of curricular design are examined in relation to traditional and evolving paradigms, reflecting development in social and professional dimensions of health care.

NSG 456 | PRACTICUM IN NURSING ADMINISTRATION | I | 6 quarter hours  
(Graduate)  
PRACTICUM IN NURSING ADMINISTRATION I | 6 quarter hours  
NSG 451 and NSG 452 are a prerequisite for this class.

NSG 457 | PRACTICUM IN NURSING ADMINISTRATION II | 6 quarter hours  
(Graduate)  
PRACTICUM IN NURSING ADMINISTRATION II | 6 quarter hours  
NSG 456 is a prerequisite for this class.

NSG 458 | TEACHING IN HEALTH CARE SYSTEMS | 4 quarter hours  
(Graduate)  
This course prepares the registered nurse to apply theories, principles and strategies in education. Emphasis is on education as a vehicle for enhancing the health of populations and systems from an ecological perspective.

NSG 459 | PRACTICUM IN TEACHING IN HEALTH CARE SYSTEMS | 6-8 quarter hours  
(Graduate)  
PRACTICUM IN TEACHING IN HEALTH CARE SYSTEMS | 6-8 quarter hours  
NSG 455 and NSG 458 are a prerequisite for this class.
NSG 428, NSG 464, and NSG 484 are prerequisites for this class.

Relevant to primary care of children will be critiqued.

Selected theory-based models and evidence of selected developmental and behavioral disorders, as well as acute and chronic health problems. Students will apply taking the health history and performing the physical examination to evaluate primary and reproductive health care needs.

NSG 422, NSG 424 and NSG 464 are a prerequisite for this class.

The focus is on the role of the nurse in caring for adults experiencing acute illness and complex multiple system disorders. Students will apply critical thinking to care for individuals in a critical care setting. Didactic, clinical, and laboratory experiences relate to individuals and families in critical care nursing. Course includes 120 clinical hours.

NSG 440 and NSG 441 are a prerequisite for this class.

This course is designed to explore health promotion, health protection, and disease prevention dimensions in pediatric primary care. The focus is on common issues related to clinical, developmental and behavioral needs of children and adolescents and their families. The dynamics of the pediatric client and nurse practitioner relationship will be analyzed, focusing on life transitions and the impact of health and illness on infants, children, adolescents and their families. Clinical practice guidelines will be evaluated through epidemiological and research evidence of selected developmental and behavioral disorders, as well as acute and chronic health problems. Selected theory-based models relevant to primary care of children will be critiqued.

NSG 428, NSG 464, and NSG 484 are prerequisites for this class.

This advanced practice course provides a comprehensive review of reproductive health and gynecology course issues during a woman’s childbearing years. Course content consists of contraceptive options, sexually transmitted illnesses, low risk obstetrical prenatal & postpartum and well woman gynecology. Clinical practice guidelines for the advanced practice nurse in women’s health specialty practice or in a practice devoted to the care of women in the family.

NSG 428, NSG 464, and NSG 484 are prerequisites for this class.

Lectures focus on synthesis and application of scientific knowledge for gynecologic advanced practice nursing. The integrated role of the advanced practice nurse in providing holistic care and collaborative practice is emphasized.

This course examines the biological changes of aging using a system approach and reviews selected clinical issues and health problems of older adults, particularly the common health conditions associated with geriatric syndrome. This course provides a foundation in advanced gerontological nursing theory and practice. Comprehensive geriatric assessment, changes in normal aging, geriatric syndromes and functional status of older adults will be explored. Students are expected to learn and apply evidence-based practice to promote wellness, maximize function, and enhance self-care of older adults.
NSG 481 | BIOSTATISTICS AND EPIDEMIOLOGY | 4 quarter hours (Graduate)
The application of biostatistics/epidemiology to clinical practice and research is the intent of this seminar. Initial discussions will focus on understanding biostatistics and epidemiological statistics as applied to health and disease in diverse populations. From considering the relationship between measurement and biostatistics to understanding the importance of insuring data integrity throughout the research process, students will examine existing data sets (federal, voluntary agencies, professional/specialty organizations). Then the focus will be on understanding epidemiological statistics (rates, proportions, relative and absolute risk), descriptive statistics, measures of differences, measures of relationships/prediction, and multivariate statistical models as applied to health and disease.

NSG 482 | INTRODUCTION TO EPIDEMIOLOGY | 2-4 quarter hours (Graduate)
An investigative problem-solving process is used to study the personal and ecological determinants of health and disease frequencies in diverse populations. Data are manipulated to plan, implement and evaluate health promotion and disease control programs for a variety of health care settings. Infectious and chronic disease prevention are emphasized. Students electing to take the course for four credit hours will complete a project using the epidemiologic method. (2 quarter hours)

NSG 483 | PRACTICUM IN POPULATION-BASED NURSING PRACTICE I | 4 quarter hours (Graduate)
This is the first practicum in a sequence of supervised clinical experiences for nurse practitioner students. The focus of NSG 483 is on application of health assessment and examination skills in the clinical setting, identification of health risks, and learning how to manage common illnesses. Analysis and application of current research is used as the basis for decision-making in performing the health history and physical assessment, contributing to interdisciplinary treatment planning, and teaching for health promotion and illness prevention. Course includes 180 preceptor clinical hours.

NSG 484 | PHARMACOLOGY FOR ADVANCED PRACTICE | 4 quarter hours (Graduate)
Provides the advanced-practice nurse with the knowledge base necessary to manage pharmacological therapy for acute and chronically ill clients collaboratively with other members of the health care team. Direct and indirect responsibility for clinical decision-making regarding the administration, management and evaluation of drugs are emphasized.

NSG 482 and NSG 464 are prerequisites for this class.

NSG 487 and NSG 464 are prerequisites for this class.

NSG 487 | PRACTICUM IN POPULATION-BASED NURSING PRACTICE II | 4 quarter hours (Graduate)
This is the second practicum in a sequence of supervised clinical experiences for nurse practitioner students in which students demonstrate increasing comprehensive practice of primary care in the context of specialty practice for selected populations. Nurse practitioner student readings, assignments, and clinical experiences in primary care: family, adult, pediatric, or women's health with an emphasis on health promotion and disease prevention. Course includes 200 preceptor clinical hours.

NSG 483 is a prerequisite for this class.

NSG 488 | PROFESSIONAL ISSUES & RESEARCH IN POPULATION-BASED ADVANCED PRACTICE NURSING | 4 quarter hours (Graduate)
This course introduces the graduate nursing students to a variety of advanced practice nursing roles and the competencies needed for successful practice in those roles. The students explore the conceptual, theoretical, and empirical bases of population based advanced practice nursing. Critical thinking skills are developed through the student's debate of current local, state, and national laws and analysis of coding case studies. Communication skills are fostered through the use of class discussions and development of various assignments. Scholarly written and verbal presentations enhance the student's understanding of historical, economical, political, legal, and ethical perspectives of advanced practice nursing.

NSG 490 | PRACTICUM IN POPULATION-BASED NURSING PRACTICE III | 4 quarter hours (Graduate)
This is the third clinical practicum in a sequence of supervised clinical experiences for nurse practitioner students in which students demonstrate increasing comprehensive practice of primary care in the context of specialty practice for selected populations. This course provides the opportunity to integrate the multiple professional roles of the advanced practice nurse while refining their skills in the comprehensive practice of primary care and/or specialty practice for selected populations. Emphasis is on health promotion and disease prevention with unitary human beings in mutual process with their environment in the management of health and illness, teaching and health counseling and organizational and role competencies. Students select sites and preceptors in family, adult, pediatric or women's health promotion according to their area of concentration and self-assessed strengths and weaknesses. Course includes 220 preceptor clinical hours.

NSG 487 is a prerequisite for this class.

NSG 500 | CHEMISTRY AND PHYSICS OF ANESTHESIA | 6 quarter hours (Graduate)
Review of principles of physics with emphasis on their application in the clinical practice of anesthesia. Nurse anesthesia residents (NAR) will engage in a comprehensive analysis of cell physiology and biochemistry with emphasis upon metabolism, enzyme function, and protein synthesis. Current research findings and their anesthetic implications will be discussed. (6 quarter hours)

NSG 501 | ANATOMY AND PHYSIOLOGY I | 6 quarter hours (Graduate)
An intensive 6 quarter hour course designed to provide the nurse anesthesia resident (NAR) with current knowledge of advanced anatomy and physiology of the gastrointestinal, nervous and endocrine systems. The course is divided into three sections with emphasis placed on the structural and functional role of each system in maintaining homeostasis. Clinical implications of current research findings will be stressed. (6 quarter hours)

NSG 502 | ANATOMY AND PHYSIOLOGY II | 6 quarter hours (Graduate)
An intensive 6 quarter hour course designed to provide the nurse anesthesia resident (NAR) with current knowledge of advanced anatomy and physiology of the cardiovascular, respiratory and renal systems. The course is divided into sections with emphasis placed on the structural and functional role of each system in maintaining homeostasis. Clinical implications of current research findings will be stressed. (6 quarter hours)
NSG 503 | PATHOPHYSIOLOGY | 6 quarter hours
(Graduate)
An intensive 6 quarter hour course designed to provide the nurse anesthesia resident (NAR) with current knowledge of diseases and disorders of the nervous, endocrine, cardiovascular, respiratory, renal, GI/hepatic, and musculoskeletal systems. Implications for the design and implementation of an appropriate anesthesia care plan for individuals with specific system disease/disorders will be discussed in detail. Emphasis will be placed on system-specific diagnostic and therapeutic procedures that require anesthesia services. (6 quarter hours)

NSG 504 | PRINCIPLES OF ANESTHESIA PRACTICE I | 4 quarter hours
(Graduate)
Designed to introduce the nurse anesthesia resident (NAR) to the advanced practice of nurse anesthesia. Emphasis is placed upon pre-operative patient assessment, anesthesia equipment and technology, airway management, intra-operative management, and postoperative care of patients undergoing general and regional anesthesia. Course includes orientation to clinical practice. Course includes 40 clinical hours and 30 lab hours.

NSG 505 | PRINCIPLES OF ANESTHESIA PRACTICE II | 4 quarter hours
(Graduate)
An intensive 4 quarter hour course designed to provide the nurse anesthesia resident (NAR) with current knowledge of special populations, including pediatric, obstetric, geriatric and trauma patients, as well as patients requiring pain management. Emphasis will be placed on the anatomical and physiological differences that characterize each population with a focus on the pathological disorders unique to each group. The preparation, implementation and evaluation of an appropriate nurse anesthesia care plan for these populations will be stressed.

NSG 506 | PRINCIPLES OF ANESTHESIA PRACTICE III | 4 quarter hours
(Graduate)
An in-depth course that places emphasis on perioperative anesthetic management of patients presenting for specialty surgical procedures or requiring management for chronic pain. Implications for the development, implementation, and evaluation of anesthesia care plans will be stressed. The ethical, legal and professional issues that influence the advanced practice of nurse anesthesia will be discussed. Course includes preparation for the Certification Examination for Certified Registered Nurse Anesthetists.

NSG 507 | ANESTHETIC PHARMACOLOGY | 6 quarter hours
(Graduate)
This course is an in depth introduction to anesthetic pharmacology. It covers the pharmacokinetics, pharmacodynamics, and pharmacotherapeutics of drugs used in the administration of general, local, and regional anesthesia and provides the scientific basis for the advanced practice of nurse anesthesia. (6 quarter hours)

NSG 508 | ADJUNCTIVE ANESTHETIC | 4 quarter hours
(Graduate)
This 4 quarter hour hybrid course (in class and on-line sections) includes the pharmacokinetics, pharmacodynamics, and pharmacotherapeutics of drugs used in the treatment of a variety of disease states. Implications of current therapy with these agents and use of selected agents as adjunctive therapy in the advanced practice of nurse anesthesia will be stressed.

NSG 509 | ADVANCED PHYSICAL ASSESSMENT FOR NURSE ANESTHETISTS | 2 quarter hours
(Graduate)
This course will provide strategies that promote effective history-taking along with cognitive and psychomotor skills needed for the advanced physical assessment of the neurological, musculoskeletal, respiratory, cardiac, circulatory, and gastrointestinal systems across the lifespan. The assessment of body systems includes an overview of anatomy and physiology, techniques necessary to perform inspection, palpation, percussion and auscultation; and interpretation of physical findings and laboratory testing relevant to the advanced practice of nurse anesthesia. (2 quarter hours)

NSG 521 | INNOVATIONS IN HEALTH CARE DELIVERY | 4 quarter hours
(Graduate)
This course provides the laboratory and clinical experiences for the development of the professional nurse role as case manager and administrator. Learning activities focus on implementing contemporary data-based nursing practice models in a variety of health care settings, and the diffusion of innovation at the individual, family and organizational levels.

NSG 522 | FINANCE AND COSTING IN HEALTH CARE | 4 quarter hours
(Graduate)
This course provides learning experiences that focus on fiscal management and budgetary practices in health care institutions. Budget preparation, cost-benefit analysis, product costing, reimbursement, and analysis of financial status in organizations are emphasized. Health care finance is covered involving the major sources and uses of funds. Health care accounting is included which addresses financial reporting and cost measurement. An understanding of finance, accounting, policy and administration enables the advanced practice nurse to enhance the delivery of health care in a dynamic health care environment.

NSG 540 | CULTURE, ETHICS, AND POLICY ANALYSIS | 4 quarter hours
(Graduate)
This seminar is designed to explore cultural and ethical perspectives and their relationships to health policy. Health disparities based on social and cultural difference are linked to major diseases such as heart disease, cancer, diabetes, hypertension and stroke, as well as access to and outcomes of health services. Class discussions will focus on the past, current and future health policy needs of multicultural and multifaceted societies. The phenomena of cultural, ethnic, gender, class, and sexual variation in complex societies; notions of diversity and social justice; understandings of cultural conflicts and how cultural differences are managed in healthcare settings will be considered. Students will integrate concepts of all levels of prevention in health care, examine research in health ethics and health policy and discuss legislative processes for their potential to improve the health of the public.

NSG 550 | HEALTHCARE ECONOMICS | 4 quarter hours
(Graduate)
This course focuses on application of supply and demand theory to the healthcare industry as well as analysis of financing and healthcare delivery in the United States and other countries. The principles and tools of microeconomics and macroeconomics will be applied to the healthcare market. Applications particularly pertinent in economic climates include the supply and demand of healthcare, practice incentives, managed care, malpractice and pharmaceutical economics.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>NSG 551</td>
<td>LEADERSHIP AND ORGANIZATIONAL BEHAVIOR</td>
<td>4 (Graduate)</td>
<td>The course focuses on critical leadership characteristics that are necessary for transforming organizational behavior in healthcare organizations. Students will analyze leadership theories/styles and the interrelationship between leadership and management. Strategies for directing and managing successful change based upon an organization’s vision and mission will be explored. Students will have an opportunity to assess their personal leadership style and to develop effective strategic leadership skills.</td>
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<tr>
<td>NSG 552</td>
<td>PROGRAM EVALUATION</td>
<td>4 (Graduate)</td>
<td>This course will familiarize the student in different types of program evaluation, including objectives oriented evaluation, management oriented evaluation, consumer oriented evaluation, expertise oriented evaluation adversary oriented evaluation, participant oriented evaluation and alternative evaluation approaches. Students gain practical experience through a series of exercises involving the design of a conceptual framework, development of indicators, analysis of computerized service statistics, and development of an evaluation plan to measure impact.</td>
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<tr>
<td>NSG 553</td>
<td>POPULATION HEALTH QUALITY AND SAFETY</td>
<td>4 (Graduate)</td>
<td>This course enables the advance practice nursing student an opportunity to build a foundation of insight and knowledge about key issues and concepts related to population health and support high quality care and outcomes. Emphasis is on transforming healthcare leadership to improve patient care quality and safety, decrease costs and improve population health.</td>
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<tr>
<td>NSG 554</td>
<td>INFORMATICS AND TECHNOLOGY APPLICATIONS</td>
<td>4 (Graduate)</td>
<td>This course focuses on information systems technology and its application for the improvement and transformation of patient-centered health care. Implications of informatics for advanced nursing practice and health care in general are explored. Impact on consumer-provider relationships, ethical and legal issues, global/future informatics issues and electronic health record issues are being examined. The course prepares the student to become proficient at selecting and using technology for organizing, analyzing, managing, and evaluating information in nursing administration, education, and clinical practice settings. The use of technology as an adjunct to inquiry and how it supports clinical and professional decision-making is explained and demonstrated.</td>
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<tr>
<td>NSG 555</td>
<td>PHARMACOTHERAPEUTIC IMPLICATIONS FOR THE OLDER ADULT</td>
<td>2 (Graduate)</td>
<td>This course examines various factors that impact the pharmacokinetics and pharmacodynamics of drugs used in the care of the older adult. The primary focus will be on drug therapy in the older person, ensuring the appropriate use of frequently prescribed medications. Economic and policy issues regarding pharmacotherapy of the older adult will be explored. Students are expected to develop nursing assessments skills and plan nursing interventions that can promote the appropriate use of medications in this complex older adult patient population. (2 quarter hours)</td>
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<tr>
<td>NSG 551</td>
<td>EVIDENCE BASED MANAGEMENT</td>
<td>3 (Graduate)</td>
<td>This course provides an introduction to the utilization of best evidence in managing healthcare issues. The curriculum is intended to prepare the student to identify management problems and develop a related path of focused inquiry, evaluate reliable databases and searching strategies to find evidence, and base management decisions on the best evidence available. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)</td>
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<tr>
<td>NSG 564</td>
<td>ORGANIZATIONAL BEHAVIOR AND HUMAN RESOURCES</td>
<td>3 (Graduate)</td>
<td>This course in Organizational Behavior (OB), and Human Resources (HR), is designed to introduce organizational behavior theory; organizational communication, and human resource management principles to effectively lead and manage an organization. The OB Students will apply management and leadership techniques garnered from successful healthcare organizations to understand and practice management functions, including: understanding employee behavior and motivation, assessing performance, employing groups and teams, operationalize communication, evaluating conflict, and making appropriate business decisions. The HR functions of planning, recruiting, selecting, training, and appraising will be emphasized. Realistic case studies, collaborative discussions, practical research and peer reviews will be used to develop students’ skills in organizational behavior and human resource management. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)</td>
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<tr>
<td>NSG 556</td>
<td>STRATEGIC PLANNING AND LEADERSHIP IN HEALTHCARE</td>
<td>3 (Graduate)</td>
<td>This course is intended to introduce the student to leadership skills and strategic planning in healthcare organizations. Creative, collaborative problem solving within the context of current strategic issues in healthcare will be explored. The course content provides an overview of the strategic planning process including the elements required to successfully develop and implement short and long-term plans. The course focuses on leadership skills and qualities necessary to succeed and thrive in the healthcare industry as well as assist the students in applying theories of leadership, motivation, communication and conflict management. Students will learn the construction of a strategic plan and analyze the state of strategic planning in the healthcare industry. Additionally, students will have the opportunity to analyze their own leadership skills and create an action plan for leadership development. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)</td>
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<tr>
<td>NSG 561</td>
<td>EVIDENCE BASED MANAGEMENT</td>
<td>3 (Graduate)</td>
<td>This course is intended to introduce the student to leadership skills and strategic planning in healthcare organizations. Creative, collaborative problem solving within the context of current strategic issues in healthcare will be explored. The course content provides an overview of the strategic planning process including the elements required to successfully develop and implement short and long-term plans. The course focuses on leadership skills and qualities necessary to succeed and thrive in the healthcare industry as well as assist the students in applying theories of leadership, motivation, communication and conflict management. Students will learn the construction of a strategic plan and analyze the state of strategic planning in the healthcare industry. Additionally, students will have the opportunity to analyze their own leadership skills and create an action plan for leadership development. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)</td>
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<tr>
<td>NSG 566</td>
<td>CURRENT TOPICS IN HEALTHCARE ADMINISTRATION AND MANAGEMENT</td>
<td>3 (Graduate)</td>
<td>Healthcare administrators and managers must be knowledgeable about current topics that face their profession. Using critical inquiry and research skills, students will explore current topics and controversies in the field of healthcare administration and management. The ability to analyze, research and apply the findings to contemporary issues will be stressed.</td>
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NSG 567 | HEALTHCARE POLICY AND DELIVERY SYSTEMS | 3 quarter hours
(Graduate)
The historical evolution of health services provides a backdrop for the core focus of this course: the study of the healthcare system. The curriculum includes an analysis of the current changes in the healthcare environment and the problems affecting the delivery of healthcare in the United States that create a demand for government action. A study of the process of policy formation underscores the complexity and difficulty of government action. Economic and political approaches to health policy analysis will be introduced with a particular focus on contrasting competitive and regulatory approaches to the resolution of health policy problems.

NSG 569 | TOPICS IN HEALTHCARE ADMINISTRATION | 3 quarter hours
(Graduate)
This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)

NSG 570 | LEARNING THEORIES | 3 quarter hours
(Graduate)
Students will examine domains of learning and adult learning theories and how they apply to health professions students. Topics include best practices for motivation, adapting to various learning styles, teaching models/strategies, instructional paradigms, and interprofessional learning environments. The concept of lifelong learning is introduced and students will explore the role that higher education and corporate education/training play in instilling a desire for lifelong learning. In addition, students will develop statements of Teaching Philosophy and Philosophy on Interprofessional Education. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)

NSG 574 | CLASSROOM ASSESSMENT | 4 quarter hours
(Graduate)
Students will examine various tools to assess student learning in the classroom setting. Topics include annotated portfolios, concept maps, memory matrix, process analysis, rubrics development, and the use of reflective statements. Students will also discuss how to adapt assessment tools to include interprofessional students. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)

NSG 575 | COURSE DEVELOPMENT | 4 quarter hours
(Graduate)
Students will apply curriculum design techniques to develop a course in a health-related area of their own choosing. Activities will include writing learning objectives, planning and organizing content, selecting instructional methods and materials, and designing assessment tools. Students will also discuss how to adapt courses to include interprofessional students. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)

NSG 579 | EVALUATING CLINICAL COMPETENCE | 3 quarter hours
(Graduate)
Student will develop appropriate tools to evaluate student performance in a clinical setting. In addition, students will develop a clinical rotation manual in their area of interest. This course is offered through a consortium agreement with Rosalind Franklin University and follows the Rosalind Franklin calendar. (3 quarter hours)

NSG 580 | BIOSTATISTICS & RESEARCH METHODS FOR ADVANCED PRACTICE | 4 quarter hours
(Graduate)
This course provides an overview of the logical and appropriate use of epidemiological statistics (rates, proportions, relative and absolute risk), descriptive statistics, and most parametric and nonparametric procedures, including correlational and repeated measures analyses in the health profession as applied to health and disease in diverse populations. The course will develop the student’s ability to apply and understand statistical and epidemiological concepts to guide evidence-based practice in a dynamic health care environment.

NSG 585 | PORTFOLIO PRESENTATION | 1 quarter hours
(Graduate)
Students will assemble and present their teaching portfolio. The portfolio documents student mastery of each core objective: facilitation of learning, curriculum design, student assessment and program evaluation, and educational leadership. Students will present an analysis of each item included in their portfolios along with reflections for each item. In addition, students will perform a self-evaluation regarding their teaching preparedness, including cultural competence and establishment of interprofessional relationships.

NSG 590 | INDEPENDENT STUDY IN NURSING | 2-4 quarter hours
(Graduate)
The student will work with a faculty mentor to develop an individualized plan of work involving in depth study in an area related to nursing and healthcare. This can include, but is not limited to, reviewing literature for evidence of best practices, developing a research project, collecting data on an ongoing project, coding or analyzing data, developing a research presentation, or working in the community on research or evidence-based intervention projects. (2 quarter hours)

NSG 596 | CAPSTONE IN NURSING ADMINISTRATION | 6 quarter hours
(Graduate)
This course provides a reflective synthesis of the coursework for Health Administration with an emphasis on the American Organization of Nurse Executive competencies. This final Practicum will include a formal synthesis paper and oral presentation that documents achievement of the MS degree outcomes and the competencies in the selected area of specialization. The paper will provide evidence of students’ achievement of the program outcomes and the competencies required to become a nurse administrator and to sit for the certification exam in Executive Nursing Practice. Critical concepts covered will include communication, relationship-building, healthcare environment, leadership, professionalism, and business skills. Requires 200 hours of practicum plus online lecture/seminar. (6 quarter hours)

NSG 597 | CAPSTONE IN NURSING EDUCATION | 4 quarter hours
(Graduate)
This course provides a reflective synthesis of the coursework for Nursing Education. This final Practicum will include a formal synthesis paper and oral presentation that documents achievement of the MS degree outcomes and the competencies in the selected area of specialization. The paper will provide evidence of students’ achievement of the program outcomes and the competencies required to sit for the Certified Nurse Education Examination (CNE) and become a nursing educator. Critical concepts covered will include effective teaching strategies, evaluation, measurement, and educational processes, and psychometric testing for academic outcomes. Current pedagogical, ethical, social and legal aspects of nursing education will be included. Requires 200 hours of practicum plus online lecture/seminar.
NSG 598 | GRADUATE RESEARCH SYNTHESIS | 4 quarter hours (Graduate)
The focus of NSG 598 is the synthesis of courses completed throughout the Masters of Science in nursing program of study. During the course students will review data collection procedures, address data entry and perform data analysis, and prepare and complete a research manuscript, and present their work at a research meeting. Students will also have the opportunity to discuss the interpretation and dissemination of research findings, to prepare abstracts for the research colloquium, and to submit research for publication in a professional journal.

NSG 401 and NSG 481 are a prerequisite for this class.

NSG 599 | THESIS RESEARCH | 4 quarter hours (Graduate)
Students conduct supervised original research terminating in a completed and bound thesis. The study must be approved by the faculty advisor and the thesis committee approved by the School of Nursing prior to registration and must be completed during the term.

NSG 401 and NSG 481 are a prerequisite for this class.

NSG 600 | EVIDENCE-BASED PRACTICE RESEARCH | 4 quarter hours (Graduate)
This course will focus on the evidence based practice process, theories, concepts, and methods. This will include the synthesis and application of scientific evidence to nursing and healthcare practice within a systems framework. Students will develop a proposal for an evidence-based, scholarly leadership proposal, which will translate science into practice. In order to accomplish this, the student will focus on a specific aggregate population, and develop the program to make a positive impact on healthcare delivery. This proposal will be presented to a faculty committee consisting of three faculty members for their approval.

NSG 580 is a prerequisite for this class.

NSG 601 | EVIDENCE-BASED PRACTICE RESEARCH II | 4 quarter hours (Graduate)
Students will submit individual objectives to the faculty advisor and committee who will guide the student through project implementation. Students will implement their evidence based Scholarly Leadership Project during this course.

NSG 600 is a prerequisite for this class.

NSG 602 | DNP PROJECT PRACTICUM | 2 quarter hours (Graduate)
Students will implement and evaluate their evidenced-based DNP Project during this 100 hour practicum. Upon completion of this project the results will be presented to their DNP Committee with a publishable quality manuscript and oral presentation for their approval. Course includes 100 project hours. (2 quarter hours)

NSG 601 is a prerequisite for this class.

NSG 603 | DNP PROJECT CANDIDACY CONTINUATION | 0 quarter hours (Graduate)
Students who have completed their coursework but who are actively working on the requirements for implementation and evaluation of their evidenced-based DNP project. Students must enroll in candidacy continuation each quarter of the academic year until the DNP project requirements have been completed. The course carries the equivalent of less than half-time enrollment status. Course requires graduate program director approval and proof of work each quarter. Pass/No Pass grading. (0 credit hours)

NSG 610 | ANESTHESIA PRACTICUM I | 4 quarter hours (Graduate)
An introduction to the clinical practice of nurse anesthesia with an emphasis on the principles introduced in ANES 500-504, 507, and 508. Includes administration of anesthesia for select patient populations under direct instruction and supervision of a certified registered nurse anesthetist (CRNA) or anesthesiologist. The course content focuses on specific general surgical procedures, including intra-abdominal, gynecological, urologic, ear, nose and throat, orthopedic, and endoscopic procedure. Content knowledge will be assessed through objective examinations. The preparation, implementation and evaluation of an appropriate nurse anesthesia care plan for these populations will be assessed through clinical performance evaluations and written care plans. Course includes Human Patient Simulation (HPS) assignments. Course includes 40 clinical hours/week and 12 lab hours/quarter.

NSG 504 and NSG 507 are a prerequisite for this class.

NSG 611 | ANESTHESIA PRACTICUM II | 4 quarter hours (Graduate)
Includes administration of general and regional anesthesia for patients undergoing a variety of elective and emergency surgical procedures and diagnostic procedures. Management of special populations, including pediatric, obstetric, and geriatric patients is emphasized with a focus on the anatomical and physiological differences and pathological disorders that characterize each population. Content knowledge will be assessed through objective examinations. The preparation, implementation and evaluation of an appropriate nurse anesthesia care plan for these populations will be assessed through clinical performance evaluations and written care plans. Course includes Human Patient Simulation (HPS) assignments. Course includes 40 clinical hours/week and 12 lab hours/quarter.

NSG 610 is a prerequisite for this class.

NSG 612 | ANESTHESIA PRACTICUM III | 4 quarter hours (Graduate)
Includes administration of general and regional anesthesia for patients undergoing a variety of elective and emergency surgical procedures and diagnostic procedures. In addition to anesthetic management of the trauma patient, the course includes acute and chronic pain management, and advanced regional anesthetic techniques. Content knowledge will be assessed through objective examinations. The preparation, implementation and evaluation of an appropriate nurse anesthesia care plan for these populations will be assessed through clinical performance evaluations and critically assessed topics (CAT assignments). Course includes Human Patient Simulation (HPS) assignments. Course includes 40 clinical hours/week and 12 lab hour/quarter.

NSG 611 is a prerequisite for this class.
NSG 613 | ADVANCED ANESTHESIA PRACTICUM I | 4 quarter hours  
(Graduate)  
The first in a series of advanced practicums that provides the third year DNP student with the opportunity to develop, implement, and evaluate an anesthesia care plan for all patient populations with an emphasis on specialty surgical procedures, insertion of invasive monitoring and advanced airway management. Emphasis is placed on application, integration, and synthesis of knowledge, skills, and attitudes that are representative of the advanced practice of nurse anesthesia. This advanced practicum provides the opportunity to explore the professional aspects of nurse anesthesia practice, link policy making with clinical systems, and translate research into practice. Includes seminar presentations on selected topics relative to the advanced practice of nurse anesthesia and self assessment assignments. Course includes 45 clinical hours/week and 4 lab hours/quarter.  
NSG 612 is a prerequisite for this class.

NSG 614 | ADVANCED ANESTHESIA PRACTICUM II | 4 quarter hours  
(Graduate)  
Description: The second in a series of advanced practicums that provides the third year DNP student with the opportunity to develop, implement, and evaluate comprehensive anesthesia care plan for all patient populations undergoing a wide variety of diagnostic, surgical and therapeutic procedures. This advanced practicum provides the opportunity to explore the professional aspects of nurse anesthesia practice, link policy making with clinical systems, and translate research into practice. Includes critically appraised topics, case narratives and seminar presentations on selected topics relative to the advanced practice of nurse anesthesia. Course also includes Crisis Resource Management in the Human Patient Simulator (HPS). Course includes 45 clinical hours/week and 4 lab hours/quarter.  
NSG 613 is a prerequisite for this class.

NSG 615 | ADVANCED ANESTHESIA PRACTICUM III | 4 quarter hours  
(Graduate)  
The third advanced practicum for DNP students provides an opportunity to develop, implement, and evaluate an anesthesia care plan for all patient populations undergoing a wide variety of surgical and therapeutic procedures. This advanced practicum provides the opportunity to explore the professional aspects and link policy making with clinical systems, translate research into practice and serve as change agents for health care. Includes critically appraised topics, case narratives, seminar presentations on selected topics relative to the advanced practice of nurse anesthesia, and Crisis Resource Management in the Human Patient Simulator (HPS). Course includes 45 clinical hours/week and 4 lab hours/quarter.  
NSG 614 is a prerequisite for this class.

NSG 616 | ADVANCED ANESTHESIA PRACTICUM IV | 4 quarter hours  
(Graduate)  
The final advanced practicum in which the third year nurse DNP student demonstrates the advanced knowledge and skills that comprise a foundation for nurse anesthesia practice, the ability to work independently or as a contributing member of the anesthesia care team, adherence to professional standards as well as ethical and moral principles while providing care to a multicultural patient population, analysis and synthesis of current research that support evidence based anesthesia practice, an awareness of limited healthcare resources and cost containment strategies, the ability to perform a comprehensive self evaluation; and display of a professional attitude toward lifelong learning. The practicum includes completion of a final comprehensive exam, the Self Evaluation Exam (SEE) and professional portfolio, and presentation and dissemination of the Scholarly Leadership Project. Course includes 45 clinical hours/week.  
NSG 615 is a prerequisite for this class.

NSG 700 | ADVANCED PRACTICUM FOR NURSE PRACTITIONERS I | 4 quarter hours  
(Graduate)  
First of a series of two clinical courses that focus on developing proficiency in advanced nursing assessment and management for health promotion and disease prevention, management of complex health conditions, and working with interdisciplinary teams to provide care and services for persons across the lifespan. Students will ground their studies in the science of nursing interventions, moral/ethical issues, and nursing research. Practicum experiences are arranged to meet the individual needs of students while also meeting accreditation and certification requirements. This practicum provides an in-depth clinical experience for students in assessing an aggregate population within the context of a clinical setting, and developing programs to creatively and cost effectively affect changes in health care delivery. The clinical residency experience is facilitated by an advanced practice expert clinician, and forms the setting and basis for the Scholarly Leadership Project. There is no lecture/discussion component to this course. The student will meet with his/her course instructor on a regular basis for individual discussion and guidance in this Practicum course. Course includes 150 residency clinical hours.  
NSG 701 is a prerequisite for this class.

NSG 701 | ADVANCED PRACTICUM FOR NURSE PRACTITIONERS II | 4 quarter hours  
(Graduate)  
Second of a series of two clinical courses that emphasizes incorporating current research and demonstrating increasing autonomy and proficiency in decision making and case management. This advanced practicum provides the student with the opportunity to link policy making with clinical systems, translate research into practice, and serve as change agents for health care. In addition, this course provides the student with an opportunity to demonstrate expert knowledge, and expert clinical assessment and diagnostic skills when working with various patient populations. This practicum provides an in-depth clinical experience for students in assessing an aggregate population within the context of a clinical setting, and developing programs to creatively and cost effectively affect changes in health care delivery, and to evaluate those programs. The clinical residency experience is facilitated by an advanced practice expert clinician, and forms the setting and basis for the Scholarly Leadership Project. There is no lecture/discussion component to this course. The student will meet with his/her course instructor on a regular basis for individual discussion and guidance in this Practicum course. Course includes 150 residency clinical hours.  
NSG 700 is a prerequisite for this class.