NURSING (NURS)

300 Level Courses

NURS 305: Application of Basic Nursing Techniques. 1 credit. To be taken fall semester of accelerated second degree program. Introduces basic nursing technologies, and provides opportunities to apply these skills in simulated technology lab. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Acceptance into accelerated nursing pathway.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Lecture
Laboratory

NURS 309: Introduction to Basic Nursing Care. 3 credits. Enrollment restricted to second-degree students only. Introduces basic fundamentals of nursing care across the life span. Emphasis on nursing process, critical thinking, and foundational technologies and skills required to practice in the health care setting. Notes: Enrollment restricted to second-degree students only. Requires acceptance into the accelerated nursing pathway. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Lecture
Laboratory

NURS 310: Application of Basic Nursing Care. 4 credits. Application of basic nursing care in acute care settings utilizing the nursing process. Note: Open only to second degree students. Enrollment is controlled. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Laboratory

NURS 312: Basic Nursing Care of Adults. 4 credits. Provides the student the opportunity to practice health assessment and fundamental nursing skills with adult medical/surgical clients, including those who are culturally diverse, vulnerable, and experiencing physiological, psychological, and social health problems. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Laboratory

NURS 319: Pathophysiological Basis for Nursing Care of Individuals and Small Groups. 4 credits. Focuses on pathophysiological, psychological, sociocultural, and risk-reduction factors related to nursing care for clients with psychiatric conditions, as well as for child-bearing women, infants, children, and adolescents with acute health care needs. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Acceptance into accelerated nursing pathway. Enrollment is controlled.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Lecture

NURS 330: Nursing Fundamentals. 3 credits. Introduces nursing process and communication skills as the foundation for beginning health assessment and fundamental nursing care for culturally diverse individuals throughout the life span. Offered by Nursing. May not be repeated for credit.

Recommended Corequisite: NURS 312.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Lecture

NURS 334: Nursing as a Health Profession and Discipline. 3 credits. Introduces nursing as a dynamic and caring health profession, the impact of epidemiology, health promotion, and disease prevention on health status of culturally diverse and vulnerable individuals, families, small groups, and communities throughout life span. Incorporates nursing and critical thinking processes as they apply to the art and science of nursing. Historical perspectives on ethical, legal, political, and social issues are included. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Lecture

NURS 336: Concepts in Professional Nursing as a Discipline. 3 credits. Provides an analysis of the profession and explores nursing philosophies and theories. Explores legal, ethical, political, and technological issues in health care at various nursing levels. Addresses critical thinking and its application to the collaborative nursing process. Utilizes the American Psychological Association formatting style for professional writing within the nursing profession. Notes: Must be admitted to the RN-to-BSN program. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a major in Nursing.

Schedule Type: Lecture

NURS 337: Application of Nursing Fundamental Technologies. 1 credit. Opportunity to practice health assessment and fundamental nursing technologies while using communication skills with culturally diverse and
vulnerable populations in a variety of settings. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Junior standing.

**Recommended Corequisite:** NURS 312.

**Registration Restrictions:**
Enrollment limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 343:** Pharmacology. 3 credits.
Covers principles of pharmacokinetics, pharmadynamics of selected drug classifications, and nursing responsibilities related to drug administration to individuals throughout life span. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Junior standing.

**Registration Restrictions:**
Enrollment limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**NURS 344:** Intermediate Nursing Technologies. 1 credit.
Laboratory course to assist students in acquiring therapeutic nursing interventions. Technologies presented are asepsis and wound care, administration of medications including dosage calculations, and management of intravenous therapy. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 312, 330, 337, 347, 425.

**Recommended Corequisite:** NURS 350.

**Registration Restrictions:**
Enrollment limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 347:** Adult Pathophysiology and Nursing Care. 2 credits.
Introduces changing health needs of culturally diverse and vulnerable populations. Focuses on nursing care; and pathophysiological, psychological, sociocultural, and risk-reduction implications of frequently experienced health problems in the adult population. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Acceptance into junior standing.

**Registration Restrictions:**
Enrollment limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**NURS 348:** Maternal-Newborn Physiology, Pathophysiology, and Nursing Care. 2 credits.
Introduces normal and abnormal processes with maternal-infant clients including cultural diversity and vulnerable populations. Focuses on normal physiological, pathophysiological, psychological, sociocultural, risk reduction, and nursing care of these clients. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Acceptance into junior standing.

**Registration Restrictions:**
Enrollment limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 350:** Application of Nursing Care for Individuals and Small Groups. 4 credits.
Includes five weeks of clinical experience in each specialty area, with focus on obstetric and family nursing, pediatric, and psychiatric mental health nursing. Students may also follow selected clients in clinics or home situations. Clinical consists of two full days per week in acute-care agencies. Notes: Open to accelerated second degree students Offered by Nursing. May not be repeated for credit.

**Recommended Corequisite:** NURS 319, 353 and 419.

**Registration Restrictions:**
Enrollment limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 351:** Application of Intermediate Nursing Technologies. 1 credit.
Introduces intermediate nursing technologies and provides opportunities to apply these skills in simulated technology lab. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 305, 309, 310, 334, 419 and 425.

**Recommended Corequisite:** NURS 350.

**Registration Restrictions:**
Enrollment limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 358:** Health Promotion and Disease Prevention in Maternal/Infant Nursing. 2 credits.
Provides the student an opportunity to perform nursing care to the maternal/infant client, including those who are culturally diverse and vulnerable, and experiencing physiological, psychological, and social health problems in a variety of settings. Contact the department for
meeting dates and times. Notes: Enrollment is controlled. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 348. Concurrent enrollment is also permitted.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 359:** *Health Promotion and Disease Prevention in Pediatric Nursing.* 2 credits.
Provides the student an opportunity to perform nursing care to the pediatric client, including those who are culturally diverse and vulnerable, and experiencing physiological, psychological, and social health problems in a variety of settings. Contact department for meeting dates/times. Notes: Enrollment is controlled. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 349. Concurrent enrollment is also permitted.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 388:** *Problem-Based Clinical Inquiry.* 3 credits.
Focuses on analyzing clinical problems and attempts to resolve issues using critical thinking. Students examine the data in the cases, draw inferences, make deductions, identify assumptions, generate interpretations, evaluate weakness and strengths of arguments, and document their findings. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**400 Level Courses**

**NURS 410:** *Nursing Care of Clients with Pathological Conditions.* 3 credits.
Encompasses complex health problems of culturally diverse and vulnerable populations throughout the life span. Focuses on nursing care needs and pathophysiological, psychological, and sociocultural implications of complicated health problems. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Completion of all junior year nursing courses.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**NURS 419:** *Pathophysiological Basis for Nursing Care of Individuals and Small Groups II.* 3 credits.
Enrollment restricted to second degree students only. Focuses on pathophysiological, psychological, sociocultural, and risk reduction factors related to nursing care of child-bearing women, infants, children, and adolescents experiencing acute health care problems. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 305, 309, 310, 319, 334, 425. Note: Open only to Second Degree students.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**NURS 425:** *Comprehensive Health Assessment.* 3 credits.
Open only to RNs and LPNs. Introduces systematic health assessment across the life span, and expands that knowledge base to include knowledge and skills necessary to perform comprehensive health assessments with culturally diverse and vulnerable populations. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**NURS 427:** *Advanced Technologies for the Accelerated Pathway.* 1 credit.
Advanced technology course developing knowledge base related to acquisition of advanced skills in nursing practice. Refinement of assessment skills associated with selected advanced technologies integrated into this laboratory course. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 428:** *Community Health Clinical for the Accelerated Pathway.* 2 credits.
Clinical experience with a focus on collaborative nursing care with individuals, families, and large groups in the community. Emphasis on health promotion and disease prevention for well populations, and community-based care for individuals and families with acute and chronic illness. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 436, 440.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.
Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 429:** *Preceptorship for the Accelerated Pathway.* 3 credits.
Opportunity to deliver collaborative nursing care to culturally diverse and vulnerable populations. Notes: Concentrated clinical experiences
available in selected institutional settings. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 309, 310, 320, 343, 419, 436.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 434:** Vulnerable Populations. 3 credits.
Focuses on the care of vulnerable and aging populations. Students will examine health disparities, health literacy, and multicultural issues that impact the delivery of health care. Students will analyze health care policies and health care delivery models that offer potential interventions for the identified needs of these populations. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** RN to BSN students.

**Recommended Corequisite:** NURS 336.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**NURS 435:** Public Health Preceptorship for Nurses. 3 credits.
Expands nursing students’ understanding of population-focused health care. Emphasis will be on prevention principles in primary, secondary, and tertiary care of health problems. Students will be exposed to concepts of community, public health, and health policy affecting culturally diverse and vulnerable populations in a selection of community and public health settings. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Completion of all junior year nursing courses or admission to RN to BSN program.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Internship

**NURS 436:** Leadership and Management of Health Care. 3 credits.
Introductory course in the leadership and management of health-related organizations. Reviews administrative issues in health-related services with particular emphasis on developing organizational strategies for effective interfacing of medical, nursing, allied health, and administrative staff. Offered by Nursing. May be repeated within the degree for a maximum 6 credits. Equivalent to HAP 416.

**Recommended Prerequisite:** NURS 431; 434; 435; 436.

**Specialized Designation:** Scholarly Inquiry

**Recommended Prerequisite:** STAT 250 or equivalent; acceptance into one of BSN nursing pathway.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Lecture

**NURS 437:** Introduction to Nursing Informatics. 3 credits.
This introductory course focuses on the use of computer technology in nursing and healthcare. The student evaluates software applications and assesses the merit of health-related information on the Internet. Students will engage in projects aimed at solving patient care problems in a variety of technologically-enhanced health care settings. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Laboratory

**NURS 440:** Community Health and Epidemiology. 3 credits.
Addresses population-focused health care. Emphasis is on primary, secondary, and tertiary prevention of health problems. Concepts of community, public health, and health policy affecting culturally diverse and vulnerable populations are examined. Offered by Nursing. May be repeated within the degree for a maximum 6 credits.
Enrollment limited to students in a Bach of Science in Nursing degree.

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

NURS 465: Examination and Integration of Professional and Health Care Issues. 3 credits.
Provides students with opportunities to examine issues in health care through reflection on the natural and behavioral sciences, humanities and other prerequisite coursework. Selected topics are examined through reading, writing and discussion. Formal and informal writing on issues is expected. Students receive written self-evaluation as well as formal review by peers and faculty members involved in teaching the course. Offered by Nursing. May not be repeated for credit. Equivalent to HAP 465.

Mason Core: Synthesis

Specialized Designation: Writing Intensive in the Major

Recommended Prerequisite: Required Mason Core courses (including ENGL 302/ENGH 302).

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

NURS 466: Community Health Nursing. 2 credits.
This course addresses population-focused health care. Concepts of public health, epidemiology, environmental health, extended roles in nursing and health policy affecting culturally diverse and vulnerable populations are examined. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

NURS 467: Clinical in Community Health Nursing. 2 credits.
Clinical experience with a focus on collaborative nursing care with individuals, families, and large groups in the community. Emphasis is on health promotion and disease prevention for well populations and community-based care for individuals and families with acute chronic diseases. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

NURS 468: Psychiatric and Mental Health Nursing. 2 credits.
Focuses on the nursing care, pathophysiological and psychological, social-cultural, and risk reduction implications of health problems in the area of mental health and psychiatric nursing. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

NURS 469: Clinical in Psychiatric and Mental Health Nursing. 2 credits.
Clinical experience with a focus on collaborative nursing care with individuals, families, and large groups in the community. Emphasis is on health promotion and disease prevention for well populations and community-based care for individuals and families with acute chronic diseases. Notes: Open to traditional and LPN students only. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

NURS 488: Inquiry-Based Clinical Seminar. 2 credits.
Students focus on a selected client they have provided care for during their NURS 451 clinical preceptorship. Students examine the data in the case, draw inferences, make deductions, identify assumptions, and generate interpretations regarding the client’s problems. The class will participate as a group in the inquiry process to identify strengths and weaknesses of the arguments presented. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Completion of Junior Level Nursing Courses, NURS 410 and NURS 436.

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Seminar

NURS 491: Critical Thinking and Analysis of Test Taking Strategies. 3 credits.
Increases test-taking abilities and improves critical-thinking skills related to nursing situations. Also guides the student to analyze and organize content to assist in decision making about nursing interventions. With faculty supervision, students work independently based on their learning needs. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:
Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture
**NURS 499: Independent Study in Nursing.** 1-3 credits.
Provides individual study of a particular problem area in nursing research, theory development, or education under the direction of faculty. Clinical practice may be arranged. Offered by Nursing. May be repeated within the term for a maximum 6 credits.

**Recommended Prerequisite:** Permission of instructor and Assistant Dean for the Undergraduate Program.

**Registration Restrictions:**
Enrollment is limited to students with a major in Nursing.

Washington Consortium level students may **not** enroll.

Enrollment limited to students in a Bach of Science in Nursing degree.

**Schedule Type:** Independent Study

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**500 Level Courses**

**NURS 513: Advanced Pharmacology in Nursing.** 3 credits.
Does not meet requirements for nurse practitioner majors, but may be taken as an elective. Provides knowledge of physiologic responses and pharmacokinetic principles of pharmacologic agents that will undergird the student's learning of advanced pharmacologic concepts. Topics include advanced pharmacokinetic principles, pharmacotherapeutics of single and multiple drug regimens, client education needs, special population needs, and legal requirements for prescriptive authority. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

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**NURS 514: Advanced Health Assessment Methods.** 1 credit.
Expands on undergraduate skills in systematic health assessment across the life span. Teaches application of advanced health assessment skills in specialty advanced nursing practice setting. Integration of skills and techniques in collecting health assessment data towards appropriate decision making, clinical assessments, and therapeutic interventions in select population emphasized. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Undergraduate-level health assessment course for degree credit or approved CEU course.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Laboratory

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**NURS 550: Pathophysiologic Bases for Major Health Deviations of Individuals.** 3 credits.
Examines health deviations occurring in people in the United States that require long-term or terminal health care interventions. Deviations are presented within a developmental framework as they influence physiologic integrity at the cellular level. Focus is on man as a whole, open system. Complex health programs from the perspective of maintaining homeodynamics are examined. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

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Provides overview of all aspects of HIV disease to include retrospective and current concepts and analyses of the epidemic, global, and societal impact, and cutting-edge research. Examines development of therapeutic tools and skills to educate, reduce risks, control infection, and affect care and healing of client, family, and community; and issues of increasing dilemma for health care professionals. Offered by Nursing. May not be repeated for credit. Equivalent to GCH 571.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

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**600 Level Courses**

**NURS 605: Clinical Nurse Educator Academy.** 3 credits.
Integrates knowledge and skills from clinical practice with new knowledge and skills needed as a clinical nurse educator. Narratives are used to teach essential skills for clinical nurse educators, such as assessment of learning needs, writing of objectives, teaching strategies, clinical simulation, and performance evaluation. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

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**NURS 613: Advanced Health Assessment.** 2 credits.
The course expands on undergraduate skills in systematic health assessment across the life span. The student will learn advanced health assessment skills in specialty advanced nursing practice. Integration
of skills and techniques in collecting health assessment data towards appropriate decision-making, clinical assessments and therapeutic interventions in select populations is emphasized in this lab and didactic course. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Undergraduate level Health Assessment course for degree credit

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Laboratory, Lecture

**NURS 618: Pathophysiology: Health and Illness.** 3 credits.
Focuses on the biological and pathophysiological foundations of health problems. Biological changes in selected health problems and health risks, will be used as a framework for critically appraising assessment data and to advance nursing strategies. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 665: Pathogenesis of Mental Disorders.** 3 credits.
Explores biological correlates of mental illness, including neuronal function, structure and connectivity, and peripheral alterations in biological functioning that contribute to mental disorders across the lifespan. Reviews genetic heritability and specific theories of etiology and diagnostic classifications. Develops interview and differential diagnostic skills. Notes: Required course in Psychiatric Mental Health Nurse Practitioner (PMHNP) or Clinical Nurse Specialist (PMHCNS) concentrations. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to the Doctor of Nursing Practice program or with permission of instructor.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 633: Individual Psychotherapy.** 3 credits.
Explores major approaches to individual psychotherapy such as psychodynamic, humanistic, interpersonal, behavioral, cognitive, dialectical behavioral, brief, crisis, and multicultural therapies as they relate to advanced nursing practice in mental health. Applications of individual psychotherapies across the lifespan and among diverse populations are critically examined. Notes: Required course in Psychiatric Mental Health Nurse Practitioner (PMHNP) or Clinical Nurse Specialist (PMHCNS) concentrations. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to the Doctor of Nursing Practice program or with permission of instructor; NURS 632.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 634: Group, Family and Couple Psychotherapy.** 1 credit.
Explore the major psychotherapeutic approaches for groups, families, and couples. Emphasis is placed on the application of theories and models of group, family, and couple psychotherapy across the lifespan and among diverse populations. Notes: Required course in Psychiatric Mental Health Nurse Practitioner (PMHNP) or Clinical Nurse Specialist (PMHCNS) concentrations. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to the Doctor of Nursing Practice Program or with permission of instructor; NURS 632.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 643: Community-Oriented Primary Care.** 3 credits.
Theoretical and clinical application of community-oriented primary care concepts with a focus on health promotion and disease prevention. Offered by Nursing. May not be repeated for credit.
Recommended Prerequisite: Admission to MSN or DNP Program or permission of instructor.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Laboratory, Lecture

NURS 648: Aging and Health. 3 credits.
Provides an overview of normal aging and explores factors that affect health and well being in older adults; demonstrates strategies for maintaining health and managing chronic illness in older adults; examines common misconceptions about aging and healthcare issues; and explores the process of normal aging and the presentation of common health conditions in older adults. Offered by Nursing. May not be repeated for credit. Equivalent to HHS 648.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 654: Nursing Administration Financial Management. 3 credits.
Investigates managerial technologies related to financial planning and control functions of mid-level nurse administrators. Content develops knowledge and skills necessary for effective participation in financial management as related to business plan development, program budget planning, and control. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 660: Seminar in the Ethics of Health Care. 3 credits.
Examines moral dilemmas in the health care profession, with special emphasis on patients’ rights, professionals’ obligations to other professionals, and issues of social justice in health care. Methods of moral deliberation based on ethical knowledge and justification are applied to ethical dilemmas in health care. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Seminar

NURS 665: Theoretical and Ethical Foundations Related to Nursing. 3 credits.
Selected nursing and related discipline theories which impact nursing practice are analyzed and evaluated with special attention given to ethical aspects of practice and ethical decision-making frameworks. Moral dilemmas in the health care profession, with emphasis on patients’ rights, professionals’ obligations to other professionals, issues of social justice in health care, and methods of moral deliberation are examined. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 680: Theoretical Foundations Related to Nursing. 2 credits.
Examination and evaluation of assumptions, concepts, and propositions inherent in selected nursing and related discipline theories. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 685: Advanced Nursing Research Methods. 3 credits.
Examines principles and methods of research in problem identification, theoretical framework, design, data collection, and analysis. Students develop a nursing research proposal. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the graduate nursing program and a graduate level bivariate statistics course and NURS 680.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 686: Projects in Nursing Research. 2 credits.
Applies knowledge gained in NURS 790 to implement research proposal designed in NURS 790. Offered by Nursing. May not be repeated for credit.
NURS 688: Organization of Nursing and Health Care Delivery Systems. 3 credits.
Provides foundational overview of U.S. nursing and health care delivery systems. Surveys key concepts, frameworks, processes, and structures related to health care delivery organizations. Notes: Lecture, discussion. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 690: Independent Study in Nursing. 1-3 credits.
Studies in-depth a selected area of nursing theory, research, or practice under direction of faculty. Offered by Nursing. May be repeated within the degree for a maximum 6 credits.

Recommended Prerequisite: Admission to the Graduate Nursing Program and permission of Associate Dean for Academic Programs.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 713: Decision Making and Pharmacologic Management in Practice. 3 credits.
Analyzes clinical cases using student participation in decision-making formulation. Correlates pathophysiology with symptom manifestations across the lifespan, from prenatal to old age, including death. Examines the theoretical basis for selecting pharmacological and non-pharmacological therapies explored. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program Nurse Practitioner Concentration

Recommended Corequisite: NURS 769; NURS 761.

Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 714: Health Assessment in Clinical Practice. 2 credits.
Application of advanced health assessment skills for all body systems and clinical decision making with clients across the lifespan. Students will formulate differential diagnoses and use advanced communication techniques to motivate and change health behaviors. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program or permission of instructor.

Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 715: Nursing Informatics Inquiry. 3 credits.
This course introduces theoretical and practice components of nursing and healthcare informatics for the graduate level nurse. Computer systems will be analyzed. The systems life cycle will be explored. Health care data standards, classification schemes, and the electronic health record (EHR) will be introduced. Students will evaluate informatics as it applies to patient safety, outcomes measurement, complex decision-making, consumer use, and legal and ethical issues. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program Nurse Practitioner Concentration

Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Laboratory, Lecture

NURS 716: Principles of Assessment and Evaluation in Nursing Education. 3 credits.
Presents techniques of assessment, measurement, and evaluation of nursing knowledge and skills in classroom and clinical settings. Provides opportunities for the informal assessment of learning; formal construction, analysis, and evaluation of tests; and the evaluation of standardized tests. Examines the current research and the legal and ethical principles related to assessment and evaluation in nursing.
NURS 720: Practicum in Family Primary Care Nursing I. 4 credits.
Performance of beginning-level nurse practitioner clinical decision-making skills in assessment and management of families and individuals across the life span, with emphasis on health maintenance and health promotion. Seminar, lab, and clinical practicum. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 719, 723, 745, 747, and 756.
Registration Restrictions: Enrollment is limited to Graduate or Non-Degree level students. Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Lecture

NURS 721: Practicum in Assessment and Management of the Developing Family. 8 credits.
Theoretical and clinical application of health assessment, health maintenance and promotion, anticipatory guidance, diagnosis, and management of common primary health care concerns through clinical decision-making skills focused on childrearing and childbearing families. Seminar, lab, clinical practicum. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 720.
Registration Restrictions: Enrollment is limited to Graduate or Non-Degree level students. Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Laboratory

NURS 722: Practicum in Family Primary Care Nursing II. 8 credits.
Students perform advanced clinical decision making in the role of family nurse practitioner. Family primary care problems throughout the life span are assessed and managed, particularly families with elderly and medically underserved members. Seminar, lab, and clinical practicum. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 720 and 721.
Registration Restrictions: Enrollment is limited to Graduate or Non-Degree level students. Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Lecture

NURS 724: Health Assessment Practicum. 1 credit.
Acquisition of advanced health assessment skills for all systems across the lifespan. The student will perform advanced techniques and clinical decision making that is necessary for a comprehensive health assessment in a structured practicum environment. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program or permission of instructor.
Recommended Corequisite: NURS 714.
Registration Restrictions: Enrollment is limited to Graduate or Non-Degree level students. Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Internship

NURS 725: Hermeneutic Research Methodologies in Health Care. 3 credits.
Uses seminar/discussion for in-depth exploration of interpretive phenomenology, philosophical background for hermeneutics, and hermeneutics as method in context of conducting research in health care. Uses readings from philosophers such as Heidegger, Merleau-Ponty, and Gadamer to situate hermeneutical methodologies in philosophy of science. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Graduate level qualitative research course. Concurrent enrollment is also permitted.
Registration Restrictions: Enrollment is limited to Graduate or Non-Degree level students. Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Seminar

NURS 726: Perspectives in Nursing Education. 3 credits.
Provides the foundation for teaching and learning in nursing with emphasis on relevant research. Offered by Nursing. May not be repeated for credit.

Registration Restrictions: Enrollment is limited to Graduate or Non-Degree level students. Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Lecture

NURS 727: Application of Nursing Education Principles to Curriculum and Program Development. 3 credits.
Uses seminar and discussion forums to analyze and apply theoretical principles and teaching and learning strategies in planning, developing, and evaluating nursing programs. Examines the overall creative, planned, and collaborative process of program development and evaluation. Offered by Nursing. May not be repeated for credit.

Registration Restrictions: Enrollment is limited to Graduate or Non-Degree level students. Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Lecture

NURS 728: Practicum and Seminar in Nursing Education I. 3 credits.
Uses seminar/discussion approach and practicum experience to analyze the role and functions of the nurse educator in the academic classroom. Emphasis is on the application of teaching/learning strategies, legal and ethical issues in nursing education, and role development as a nurse educator. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 714, NURS 761, NURS 769.
RNs and NPs. May not be repeated for credit.

Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 742: Forensic Science. 3 credits.
Examines forensic techniques used to collect evidence. The role of the forensic professional in death investigation. This course covers the initial crime scene response and initial assessment measures needed to properly collect and handle evidence. Documentation and preservation efforts are reviewed for various types of evidence collected. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 743: Introduction to Forensic Science. 3 credits.
Examines the introductory concepts of forensic science including the various professional roles of forensic scientists and practitioners. This course provides a broad overview of the forensic science profession. Different types of violence, as well as prevention and reduction strategies, are discussed. The forensic professional's role in policy and legal processes are explored. Forensic research is introduced. Professional certification options are explored. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

NURS 744: Role of the Sexual Assault Nurse Examiner and Interpersonal Violence. 3 credits.
Focuses on the incidence and consequences of interpersonal violence across the lifespan. Identifies the role of sexual assault nurse examiner (SANE) as a member of the Sexual Assault Response Team (SART). Examines forensic techniques used to collect evidence. The role of the SANE in the judicial process is explored. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 713, NURS 724, NURS 714, NURS 643.

Recommended Corequisite: NURS 742.
Nurses in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Lecture

**NURS 739: Family Primary Care II.** 4 credits.
Theoretical application of health assessment, health maintenance/promotion, anticipatory guidance, diagnosis and management of common primary health care concerns through clinical decision making skills focused on childbearing and childbearing families. Seminar, student presentations and lectures. Notes: Required course in Family Nurse Practitioner concentration. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 738, NURS 742.
**Recommended Corequisite**: NURS 744

**Registration Restrictions**: Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Internship

**NURS 740: Clinical Nurse Specialist Internship.** 3 credits.
A continuation of clinical application of theory from NURS 775 to a selected clinical specialty with attention to the health illness continuum of individuals, families, and community. Offered by Nursing. May be repeated within the term for a maximum 6 credits.

**Recommended Corequisite**: Contact the department for meeting dates and times.

**Registration Restrictions**: Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Internship

**NURS 741: Family Primary Care III.** 3 credits.
Theoretical application of assessment, diagnosis and management of primary health care problems which will enable the nurse practitioner student to assume increased responsibility in the delivery of primary care to families and individuals across the life span. Special emphasis is given to the primary care needs of families with elderly and medically underserved members. Seminar, student presentations and lectures. Notes: Required course in Family Nurse Practitioner concentration. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 739, NURS 744.
**Recommended Corequisite**: NURS 749.

**Registration Restrictions**: Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Lecture

**NURS 742: Family Primary Care Practicum I.** 2 credits.
Demonstrates the ability to function at a beginning level in the role of the nurse practitioner. Performance of advanced skills in assessment and the development of plans for health maintenance and promotion for families with a focus on the adult. Clinical practicum, lab and seminar. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 713, NURS 724, NURS 714, NURS 643.
**Recommended Corequisite**: NURS 738.

**Registration Restrictions**: Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Internship

**NURS 743: Clinical Psychopharmacology.** 3 credits.
Introduce psychotropic medications, including neurochemical basis, mode of action and clinical application. Discuss principles of pharmacological medication selection and use based on clinical indicators. Notes: Required course in Psychiatric Mental Health Nurse Practitioner (PMHNP) or Clinical Nurse Specialist (PMHCNS) concentrations. Admission to the Doctor of Nursing Practice program or with permission of instructor. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 738, NURS 742.
**Recommended Corequisite**: NURS 739.

**Registration Restrictions**: Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Lecture

**NURS 744: Family Primary Care Practicum II.** 4 credits.
Clinical application of health assessment, health maintenance/promotion, anticipatory guidance, diagnosis and management of common primary health care concerns through clinical decision making skills focused on childbearing and childbearing families. Clinical practicum, seminar, lab. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 738, NURS 742.
**Recommended Corequisite**: NURS 739.

**Registration Restrictions**: Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Internship

**NURS 746: Practicum in Adult Primary Care Nursing I.** 6 credits.
Demonstration of the ability to function at a beginning level in the role of the nurse practitioner. Performance of advanced skills in assessment and the development of plans for health maintenance and promotion for adults. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 719, 723, 745, 747, and 756.

**Registration Restrictions**: Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type**: Laboratory
NURS 748: Practicum in Adult Primary Care Nursing II. 8 credits.
Enables nurse practitioner student to assume increased responsibility in
the delivery of primary care to adults. Special emphasis on primary care
needs of elderly and medically underserved groups. Offered by Nursing.
May not be repeated for credit.
Recommended Prerequisite: NURS 746.
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Laboratory

NURS 749: Family Primary Care Practicum III. 4 credits.
This practicum enables the nurse practitioner student to assume
increased responsibility in the delivery of primary care to families. Family
primary care problems across the life span are assessed and managed,
particularly families with elderly and medically underserved members.
Practicum, clinical lab and seminar. Offered by Nursing. May not be
repeated for credit.
Recommended Prerequisite: NURS 739, NURS 744.
Recommended Corequisite: NURS 741.
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Internship

NURS 757: Nursing Research and Biostatistics I. 3 credits.
Provides a broad framework for understanding and applying commonly
used research designs and data analysis techniques in nursing and
health care research. Exposed to an overview of qualitative and
quantitative research methods integrated with appropriate data analyses
techniques. Univariate and bivariate statistical techniques will be used
to address research questions or hypotheses as appropriate. Offered by
Nursing. May not be repeated for credit.
Recommended Prerequisite: Admission to the graduate nursing program,
and an undergraduate statistics course.
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Lecture

NURS 758: Nursing Research and Biostatistics II. 3 credits.
Empirically address practice related problems using complex bivariate
and multivariate statistical analysis. Using an established data set as a
basis for simulation of the research process, student will identify clinical
problems in research traditions to provide evidence for nursing practice.
Emphasis is on evaluating the quality of research for its strength as
evidence for nursing practice. Offered by Nursing. May not be repeated
for credit.
Recommended Prerequisite: NURS 757.
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

NURS 761: Pharmacotherapeutics. 3 credits.
Describes the pharmacologic principles and pharmacodynamic actions
for all broad categories of agents. Distinguishes between the major drug
classes by the pharmacologic properties of drugs on the cellular, organ
and whole organism level. Study of indications and contraindications
of appropriate therapeutic entities for health deviations based on a
thorough knowledge of drugs and their fate in the human body. Offered
by Nursing. May not be repeated for credit.
Recommended Prerequisite: Admission to MSN or DNP Program or
permission of instructor.
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Lecture

NURS 763: Administrative Theory in Nursing. 3 credits.
Uses administrative theory and management principles and processes
as related to roles and functions of the nurse in management in health-
related agencies. Offered by Nursing. May not be repeated for credit.
Recommended Prerequisite: Admission to Graduate Nursing Program
or master’s degree. NURS 680 and Management/Organizational Theory
(concurrent enrollment is also permitted).
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Lecture

NURS 765: Practicum in Nursing Administration I. 3 credits.
Applies administrative theory and management principles and processes
in a selected health-related agency. Roles and functions of the nurse in
management are explored. Notes: Lab arranged. One hour of seminar and
eight hours of practicum weekly. Offered by Nursing. May not be repeated
for credit.
Recommended Prerequisite: Admission to Graduate Nursing Program,
NURS 680. NURS 763 (concurrent enrollment is also permitted).
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.
Schedule Type: Laboratory

NURS 766: Administrative Strategies in Nursing. 3 credits.
Explores roles and functions of the nurse in management as the
nurse manager develops patterns of nursing care, articulating nursing
education, and nursing service. Offered by Nursing. May not be repeated
for credit.
Recommended Prerequisite: NURS 763 and 765.
Recommended Corequisite: NURS 768.
Registration Restrictions:
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 768:** Practicum in Nursing Administration II. 3 credits. Implements and integrates roles and functions of the nurse in management. Emphasizes using appropriate management principles and processes in a selected health-related agency. Notes: Lab arranged. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 763, NURS 765, NURS 766 (concurrent enrollment also permitted for 766).

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Laboratory

**NURS 769:** Physiology and Pathophysiology in Advanced Practice. 3 credits. Analyze health deviations in the physiologic and pathophysiologic aspects of systems functioning across the life span. Students assimilate the process of systematic assessment and management of health deviations foundational for making clinical decisions. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to MSN or DNP or permission of instructor.

**Recommended Corequisite:** NURS 713.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 770:** Adult Primary Care I. 3 credits. Theoretical application of health assessment, health management/promotion, anticipatory guidance, diagnosis and management of common primary care health care concerns through clinical decision making skills focusing on adults. Lecture, student presentations and seminar. Notes: Required course in Adult Nurse Practitioner concentration. Students must be admitted to the Adult Nurse Practitioner Program. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 771:** Adult Primary Care II. 4 credits. Theoretical application of assessment, diagnosis and management of primary health care problems which will enable the nurse practitioner student to assume increased responsibility in the delivery of primary care to adults. Special emphasis is given to the primary care needs of elderly and medically underserved groups. Lectures, student presentations and seminars. Notes: Students must be admitted to the Adult Nurse Practitioner Program. Required course in Adult Nurse Practitioner concentration. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 770.

**Recommended Corequisite:** NURS 771.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Internship

**NURS 775: Advanced Specialty Practice I.** 3 credits.
Focuses on clinical application of theory from NURS 773 to a selected clinical specialty with attention to the health illness continuum of individuals, families, and communities. Notes: One hour of seminar and eight hours of practicum. Lab meets every other week. Offered by Nursing. May be repeated within the term for a maximum 17 credits.

**Recommended Prerequisite:** NURS 665.

**Recommended Corequisite:** NURS 768.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Laboratory

**NURS 776: Development of Advanced Practice Nursing Role.** 3 credits.
Expansion of selected content included in NURS 773 for the delivery of advanced nursing care in a variety of settings. Emphasizes development and evaluation of the advanced practice nursing role in complex health care systems. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 773.

**Recommended Corequisite:** NURS 775.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 778: Advanced Specialty Practice II.** 3 credits.
Applies concepts of the advanced practice nursing role from NURS 776 to a selected clinical specialty. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 665.

**Recommended Corequisite:** NURS 773. Electronic strategies will be used and course will meet every other week.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Laboratory

**NURS 780: Practicum in Gerontological Nursing I.** 3 credits.
Demonstrates the ability to function at a beginning level in the role of the gerontological nurse practitioner. Performance of advanced skill in geriatric assessment with a special emphasis on the delivery of health promotion and disease prevention services (practicum of at least 100 clinical hours and case analysis conferences). Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 719, 723, 745, 747, and 756.

**Recommended Corequisite:** NURS 719, 723, 745, 747, and 756.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.
Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Seminar

**NURS 784: Psychiatric Nurse Practitioner Practicum II.** 5 credits.
Builds on Family Psychiatric Nurse Practitioner Practicum I, improving diagnostic and clinical reasoning ability and competence in assessment, diagnosis, and management of psychiatric disorders. Enables the student to assume increased responsibility in the delivery of comprehensive mental health care. Participates in professional and community organizations to promote the health of patients while enhancing the role of practitioner. Notes: Five clinical hours per week are required for each credit. Required course in Family Psychiatric Mental Health Nurse Practitioner (FPMHNP) concentration. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to the Doctor of Nursing Practice program or Psychiatric Mental Health Nurse Practitioner Certificate. NURS 782.

**Recommended Corequisite:** NURS 785.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Internship

**NURS 785: Psychiatric Nurse Practitioner Seminar II.** 2 credits.
Discuss role transition and development of advanced practice psychiatric mental health nurses. Regulatory and economic policies affecting advanced psychiatric mental health nursing practice in the evolving health care system are discussed. Students demonstrate competence in comprehensive management of acute and chronic psychiatric disorders through case presentations from their practica. Performs a comprehensive assessment of the mental health needs of a community. Notes: Required course in the Family Psychiatric Mental Health Nurse Practitioner (FPMHNP) concentration. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to Doctor of Nursing Practice program or Psychiatric Mental Health Nurse Practitioner Certificate. NURS 783.

**Recommended Corequisite:** NURS 784.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Seminar

**NURS 786: Adult Gerontology Primary Care Practicum I.** 2 credits.
Application of health assessment, health maintenance/promotion, anticipatory guidance, genetics/genomics, diagnosis and management of common primary health care concerns, including women's health issues. Focus is on care of adolescents and adults across the life. Clinical Practicum, lab and seminar. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 713, NURS 714, NURS 724, NURS 643.

**Recommended Corequisite:** NURS 787.

**Registration Restrictions:**
Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Internship

**NURS 787: Adult Gerontology Primary Care I.** 2 credits.
Theoretical application of health assessment, health maintenance/promotion, anticipatory guidance, diagnosis and management of common primary health care concerns, including women's health, through clinical decision making skills in adolescents, adults and older adults. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 713, NURS 724, NURS 714, NURS 643.

**Recommended Corequisite:** NURS 786.

**Registration Restrictions:**
Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**NURS 788: Adult Gerontology Primary Care Practicum II.** 4 credits.
Demonstration of the ability to function at a beginning level in the role of the nurse practitioner. Performance of advanced skills in assessment and the development of plans for health maintenance and promotion for adolescents, adults and older adults. Clinical practicum, lab and seminar. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 786, NURS 787.

**Recommended Corequisite:** NURS 789.

**Registration Restrictions:**
Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Internship

**NURS 789: Adult Gerontology Primary Care II.** 3 credits.
This course consists of the application of health assessment, health management/promotion, genetics and genomics, anticipatory guidance, diagnosis and management of common primary care health care concerns of the adolescent, adult and older adult through clinical decision making skills. Lecture, student presentations and seminar. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 786, NURS 787.

**Recommended Corequisite:** NURS 788.

**Schedule Type:** Lecture
**NURS 790**: Adult Gerontology Primary Care Practicum III. 4 credits.
This practicum enables the nurse practitioner student to assume increased responsibility in the delivery of primary care to adults of all ages, adolescents through older adults. Special emphasis is given to the primary care needs of elderly and medically underserved groups. Practicum, clinical lab and seminar. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 788, NURS 789.

**Recommended Corequisite**: NURS 791.

**Registration Restrictions**: Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type**: Internship

**NURS 791**: Adult Gerontology Primary Care III. 4 credits.
Theoretical application of assessment, diagnosis and management of primary health care problems which will enable the adult gerontology nurse practitioner student to assume increased responsibility in the delivery of primary care. Focus will be on the primary care needs of older adult and medically underserved. Lectures, student presentations and seminars. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 788, NURS 789.

**Recommended Corequisite**: NURS 790.

**Registration Restrictions**: Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type**: Lecture

### 800 Level Courses

**NURS 804**: Advanced Quantitative Data Analysis for Healthcare Research I. 3 credits.
Covers principles and methods of statistical data analysis and inference. Emphasizes the use and application of various data analysis techniques and their assumptions. Examines factorial ANOVA, factorial ANCOVA, repeated measures ANOVA, ANOVA and ANCOVA via regression approaches, and linear and logistic regression analysis. Students apply statistical techniques in analyzing health-related data sets. Offered by Nursing. May not be repeated for credit. Equivalent to GCH 804.

**Recommended Prerequisite**: A graduate-level statistics course (by instructor approval).

**Registration Restrictions**: Enrollment is limited to Graduate level students.

**Schedule Type**: Lecture

**NURS 805**: Advanced Quantitative Data Analysis for Healthcare Research II. 3 credits.
Builds upon principles and methods of statistical analysis and inference. Emphasizes the use and application of various data analysis techniques and their assumptions. Examines multivariate analysis of variance (MANOVA), multivariate analysis of covariance (MANCOVA), multiple regression, and logistic regression, and factor analysis. Students apply statistical techniques in analyzing health-related data sets. Offered by Nursing. May not be repeated for credit. Equivalent to GCH 805.

**Recommended Prerequisite**: GCH/NURS 804 or an equivalent statistics course (by instructor approval).

**Registration Restrictions**: Enrollment is limited to Graduate level students.

**Schedule Type**: Lecture

**NURS 806**: Advanced Multivariate Statistics and Data Analysis for Health Care Research. 3 credits.
Examines canonical correlation, discriminant analysis, factor analysis, and causal analysis (path models and structural equation modeling). Students analyze and interpret data using these statistical techniques. Offered by Nursing. May not be repeated for credit. Equivalent to GCH 806.

**Recommended Prerequisite**: GCH 805 or NURS 805, or equivalent multivariate statistics course.

**Registration Restrictions**: Enrollment is limited to Graduate level students.

**Schedule Type**: Lecture

**NURS 808**: Translating Nursing and Health Care Research into Evidence-Based Policy. 3 credits.
This course prepares students to assess the policy dimensions of nursing issues in clinical practice, education, and research environments and translate nursing research into policy. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions**: Enrollment is limited to Graduate level students.

**Schedule Type**: Lecture

**NURS 810**: Evaluation Research in Nursing Education. 3 credits.
Uses seminar/discussion to analyze and apply theoretical models for implementing evaluation research in nursing education. Examines quantitative approaches for evaluating process and outcomes of domestic or international nursing education programs, including role of accreditation guidelines. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite**: NURS 920, NURS 930. Concurrent enrollment is also permitted.

**Registration Restrictions**: Enrollment is limited to Graduate level students.

**Schedule Type**: Seminar

**NURS 811**: Nurse as Educator and Scholar. 2 credits.
Uses seminar/discussion to explore role of nurse educator in meeting research and scholarship expectations of college, university, or service setting. Addresses approaches to scholarship in relation to types of
evidence appropriate for various scholarly expectations in academic setting. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 920; NURS 930.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Seminar

**NURS 814: Theory and Design in Health Science.** 3 credits.
Analyze existing theoretical and conceptual frameworks in nursing and other biological, social, and behavioral sciences. Enables the doctoral student to critique, use, test, integrate, translate, and develop conceptual frameworks to guide scientific inquiry in a focused area of research interest. Offered by Nursing. May not be repeated for credit. Equivalent to NURS 955.

**Recommended Prerequisite:** Master's degree in nursing, social work, or health-related discipline.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Seminar

**NURS 820: Human Genetics Concepts for Health Care.** 4 credits.
The study of human genetics, principles of heredity, and disease risks. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Lecture

**NURS 860: Measurement Theories in Healthcare Research.** 3 credits.
Synthesize measurement theories and principles as a foundation for the development and evaluation of instruments for use in healthcare research. The course includes review of statistical techniques required for understanding measurement theory, reliability, validity, responsiveness, item analysis, and instrument construction. Students design, construct, administer, analyze, and evaluate an original instrument and evaluate an existing instrument in healthcare research. Offered by Nursing. May not be repeated for credit. Equivalent to NURS 807.

**Recommended Prerequisite:** NURS 805 or permission of instructor.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Seminar

**NURS 870: Nursing and Health Care Administration I.** 3 credits.
Examines the theoretical basis of scholarship and practice in leadership and management of health systems and nursing organizations. Includes discovery of concepts and forces influencing the organization and performance of health care systems. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to the PhD or DNP program.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Lecture

**NURS 871: Nursing and Health Care Administration II.** 2 credits.
Analyzes and applies selected concepts related to nursing and health system leaders and managers as well as factors influencing the performance of health systems and organizations. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 870.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Lecture

**NURS 874: Internship in Health Care Administration/Policy/Education.** 4 credits.
Internship experience of at least 126 hours with leader in field of nursing, health care administration, policy, or education. Participatory activities require integration and application of principles, frameworks, and science related to executive preceptor role. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Completion of all coursework, except NURS 998.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Internship

**NURS 883: Evidence-Based Practice in Nursing and Healthcare.** 4 credits.
Building on knowledge of research methodologies and personal expertise, student will identify practice and system problems, analyze the variations of processes and outcomes, evaluate research studies and systematic reviews, and develop a proposal to address issues related to the design of new model of care, translation of evidence into practice, or evaluation of current programs in the context of evidence-based practice. Emphasis is placed on the development of strategies to ensure quality improvement. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 757 and NURS 758.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Lecture

900 Level Courses

**NURS 920: Qualitative Research in Nursing and Health Care.** 3 credits.
Provides the philosophical assumptions underlying qualitative research in nursing and health care. Students will examine the principles of study design, data collection, data analysis, and interpretation associated with phenomenology, grounded theory, and ethnography. Description and mixed-methods designs will be introduced. Qualitative research will be analyzed within the scholarship of discovery, integration, and application. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 804.

**Registration Restrictions:**
Enrollment limited to students in a Doctor of Philosophy degree.

**Schedule Type:** Lecture

**NURS 921: Clinical Practicum I.** 1-10 credits.
Students, in consultation with their academic advisor, complete supervised practicum hours to meet both the post-baccalaureate and
post-masters DNP practicum requirement. A practicum course that prepares students to perform clinical decision making in their role as advance practice nurses in individualized specialty areas. They will work with advance practice nurse preceptors to develop clinical expertise, and to develop an understanding of leadership roles in the clinical setting that can enhance the system of health care delivery. One credit hour of seminar with the remaining hours in clinical practice. Offered by Nursing. May be repeated within the degree for a maximum 20 credits.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Internship

**NURS 922: Clinical Practicum II.** 1-10 credits.
Students, in consultation with their academic advisor, complete supervised practicum hours to meet both the post-baccalaureate and post-masters DNP practicum requirement. A practicum course that continues to prepare students to practice in an expanded, advanced clinical practice role. Students will learn to become change agents in the clinical setting with a focus on health care delivery systems. The student will apply advanced health assessment skills and clinical decision making in an area of specialty practice, correlating pathophysiology with symptom manifestations. One credit hour of seminar with the remaining hours in clinical practice. Offered by Nursing. May be repeated within the degree for a maximum 20 credits.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Internship

**NURS 930: Quantitative Methods in Nursing and Health Care.** 3 credits.
Guides the student in applying principles in the design of an innovative quantitative research study to address a significant problem in nursing and/or health care. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** NURS 805.

**Registration Restrictions:**
Enrollment limited to students in a Doctor of Philosophy degree.

**Schedule Type:** Lecture

**NURS 940: Independent Study for the Doctoral Student.** 1-6 credits.
Studies in depth a selected area of nursing theory, research, or practice under direction of faculty. Offered by Nursing. May not be repeated for credit.

**Recommended Prerequisite:** Admission to a doctoral nursing program. Individualized section form required.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Independent Study

**NURS 950: Special Topics in Nursing.** 3 credits.
Presents selected topics analyzing specialized areas in nursing. Content varies. Lecture, seminar, laboratory, workshop. Offered by Nursing. May not be repeated for credit.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Lecture

**NURS 980: Practice Inquiry I.** 4 credits.
Synthesize the literature related to the problem. Analyze the environmental factors impacting the problem. Identify the standard of care related to the clinical problem. Assess the quality of evidence that supports the standard of care. Develop a proposal that will impact the delivery of care in the identified area of practice inquiry. Develop the appropriate outcome measures to address the specific practice inquiry area. Offered by Nursing. May be repeated within the degree for a maximum 8 credits.

**Recommended Prerequisite:** Completion of DNP core courses.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Seminar

**NURS 981: Practice Inquiry II.** 4 credits.
Implement the proposal developed in Practice Inquiry I. Maintain an ongoing process analysis of the project. Collect data. Analyze the findings from the practice inquiry. Disseminate the findings from the practice inquiry in a scholarly manner. Offered by Nursing. May be repeated within the degree for a maximum 8 credits.

**Recommended Prerequisite:** NURS 980.

**Registration Restrictions:**
Enrollment is limited to Graduate level students.

**Schedule Type:** Seminar

**NURS 998: Doctoral Dissertation Proposal.** 1-9 credits.
A seminar for doctoral students to accompany the development of a doctoral dissertation proposal. Development of the research problem with analysis and critique of methodology discussed. Notes: Students must enroll in the course for 3-credits the first time they take the course. Offered by Nursing. May be repeated within the degree.

**Recommended Prerequisite:** Completion of all other coursework except NURS 999 and completion of doctoral comprehensive examination.

**Registration Restrictions:**
Enrollment limited to students in a Doctor of Philosophy degree.

**Schedule Type:** Dissertation

**NURS 999: Doctoral Dissertation.** 1-9 credits.
Provides continued faculty assistance on an individual basis toward completion of approved dissertation. Note: Students must contact the department at (703) 993-1961 to receive approval and a CRN to register via Patriot Web. Offered by Nursing. May be repeated within the degree.

**Recommended Prerequisite:** NURS 998.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy.

Enrollment is limited to Graduate level students.

**Schedule Type:** Dissertation