

[HELP](#) [EXIT](#)

Catalog Entries

Fall 2008
Mar 12, 2015

Select the Course Number to get further detail on the course. Select the desired Schedule Type to find available classes for the course.

NDNP 802 - METHOD FOR EVIDENCE-BASED PRAC

Focuses on the skills and advanced knowledge necessary for critical analysis of evidence on which to base nursing practice. The students will analyze the framework to transform research into practice through the use of research outcomes, methods and planned change processes. The best practice evidence from systematic research will be applied to current health care delivery. Students will be able to apply analytical methods to develop best practices and practice guidelines and to facilitate the evaluation of systems of care that will improve patient outcomes.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 804 - THEORET & PHILOSO FOUNDATIONS

The philosophical and scientific underpinnings of nursing reflect the complexity of practice at the doctoral level and the rich heritage that is the conceptual foundation of nursing. The practice doctorate in nursing uses sciencebased theories and concepts to determine the nature and significance of health and health care delivery phenomena. This course integrates nursing science with knowledge from biophysical, social, and organizational sciences as the basis for the highest level of nursing practice. Students analyze selected world-views and theories from a variety of disciplines. Emphasis is placed on the refinement of critical thinking skills.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 805 - DESIGN ANALYSIS EVD-BASED PRAC

4.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 807 - INFO SYS TECH FOR IMPROV/TRANS

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 809 - COMPLEX HEALTH CARE ORG.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 810 - CAPSTONE PROJ IDENTIFICATION

Doctor of Nursing Practice students will have an identified practice area that will provide a guide for their plan of study. In this course, students will explore specific issues related to their practice that will lead them to the completion of a project at program completion. Students will explore literature related to specific practice concerns in their area as well as discuss issues with practice leaders to identify and refine their project goals. Prerequisite: Permission of the program director or the instructor

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 811 - CAPSTONE PROJECT II

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 812 - CAPSTONE PROJECT III

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 813 - CAPSTONE PROJECT IV

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 815 - LEADERSHIP & INTERPRO COLLAB

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 816 - CAPSTONE ADVISEMENT

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NDNP 818 - DNP INDEPENDENT STUDY

1.000 TO 6.000 Credit hours

Schedule Types: [Independent Study](#)

School of Nursing Division
Nursing Department

NPHY 601 - CANCER GENETICS & PATHOPHYSIOL

Introduces the principles of cell biology, genetics and pathophysiology and applies those principles to particular cancer sites. Emphasizes understanding the multiple cellular pathways that may lead to malignant transformation and the heterogeneity of cancer as a disease and as a target for therapy. Manipulation of the pathways of malignant transformation for prevention of cancer is reviewed. Site-specific cancers are examined and their particular pathophysiology is discussed. Prerequisite NURS 629, NPHY 612

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NPHY 608 - REPRODUCTION PHYSIOLOGY

Provides more extensive knowledge of human reproduction and the physiologic function of the newborn infant. Selected examples of pathophysiology are presented. Focuses on developing a scientific client assessment of needs and selecting regulatory processes for the care of clients with complex physical needs. Concepts addressed include reproduction, growth, oxygenation, circulation, motion, motility and elimination.

2.000 Credit hours
2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Child, Women's & Family Health Department

NPHY 612 - ADV PHYSIOLOGY & PATHOPHYS

This course provides graduate level content of physiology and pathophysiology that is necessary for understanding the scientific basis of advanced practice nursing and for more advanced clinical courses in a variety of settings. Structural and functional changes in cells, tissues, and organs that underlie selected diseases are discussed. The student will gain an understanding of the mechanisms underlying diseases and their clinical manifestations, thus providing a basis for clinical decisions related to diagnostic tests and initiation of therapeutic regimens. Pathogenesis of disease will be related to principles of health promotion and disease prevention. The course contributes to the scientific basis for advanced practice nursing.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NPHY 614 - PHYSIOLOGY OF AGING

Emphasizes cell biology, metabolic process and cardiovascular and neurobiological aspects of aging. Presents the pathophysiological basis for health problems of older adults. Alterations at the cell, organ and system levels are discussed to provide the basis for clinical management of common health problems.

2.000 Credit hours
2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NPHY 620 - PHYSIOL ALTERATION CRITICAL PT

This course is designed to provide the student with an opportunity to gain an indepth knowledge of specific pathophysiologic processes often experienced by critically ill patients. Learning is reinforced during scheduled time in critical care areas where the students analyze and evaluate patients demonstrating some of the pathophysiologic problems discussed during the didactic portion of the class. Regularly scheduled clinical seminar presentations done by the student permit the student to apply theoretical knowledge to specific situations. Prerequisite: NPHY 612, NURS 605, NURS 623, NURS 723

2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Adult Health Nursing Department

NPHY 630 - NEONATAL PEDIATRIC PHYSIOLOGY

Focuses on normal physiologic adaptations and developmental physiology that provide the scientific basis and rationale underlying assessment and management of the neonate, infant and child. A systems approach is used to examine the physiological transition to the extrauterine environment and adaptation of the infant at birth, as well as the developmental physiology of the neonate and maturation during infancy and early childhood.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NRSNG 624 - SPEC PROB ACUTE CARE PEDS

This course provides complementary learning experiences for the acute/tertiary care Advanced Practice (AP) pediatric nurse practitioner student. These experiences afford the AP student the opportunity to provide advanced nursing care across the

continuum of health care services to meet the specialized physiologic and psychological needs of infants, children and adolescents with complex acute, critical and/or chronic health conditions. Opportunities are provided for the refinement of skills in assessment, diagnostic reasoning and critical thinking. The emerging role of the advanced practice pediatric nurse practitioner in the acute/tertiary care setting is examined within the constraints of the health care delivery system. Concepts regarding managed care from an organizational and administrative perspective are systematically integrated into this clinical course. Clinical settings include newborn nurseries, acute/tertiary care/managed care facilities, PICUs or specialty sites focused on the care of children with special needs and their families. Prerequisite: NURS 611
1.000 TO 2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NRSG 626 - PRIMARY HEALTH NEWBORN

This course provides a theoretical analysis and practical approach to the advanced practice pediatric nurse practitioner's role as a provider of safe and effective care to newborns, neonates and their families. Current theories and evidenced based practice guidelines relevant to the newborn and neonate will be examined. Synthesizing data from a variety of resources, students will be provided opportunities to refine their assessment skills as well as hone decision making and critical thinking abilities. The emerging role of the advanced practice pediatric nurse practitioner in the primary as well as acute/tertiary care setting in the care of this unique population is examined within the constraints of the health care delivery system. Concepts regarding managed care from an organizational and administrative perspective are integrated into this course. Prerequisite: NURS 611 (for Advanced Practice Pediatric Students only)
2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NRSG 630 - AD PRIM CARE CLIN

This course will further stress application of concepts presented in the Diagnosis and Management I (NURS 620) course. The focus is on refining health assessment skills, interpreting findings, developing and implementing appropriate plans of care to meet common health maintenance needs of adults and to promote the health of adults with more complex health problems. The student will gain increased expertise in communication skills, health assessment skills, interpreting findings, epidemiological concepts and developing and implementing plans of care. The emphasis will be placed upon managing an aging population with complex, chronic healthcare needs. Prerequisites: NURS 619 and NURS 620
3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NRSG 631 - INTRO SPANISH HEALTH CARE PROF

Students will develop basic Spanish language conversation skills for the health care setting in this small group seminar. This course will emphasize pronunciation, oral comprehension, and vocabulary for patient interviews, health education, and terminology used in the clinical setting. Students will participate in seminars, small group work, case scenarios, and active practice of Spanish conversations. Students will also examine cultural considerations for the Hispanic population and integrate these elements into their developing vocabulary. Prerequisite: One introductory Spanish course (high school or college) within the past 10 years
3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NRSG 634 - MENTAL HEALTH SPEC POP

2.000 Credit hours

Schedule Types: [Lecture](#)

Graduate School Division
Nursing Department

NRSG 663 - MBSR PROG EVAL ISSUE

3.000 Credit hours

Schedule Types: [Lecture](#)

Graduate School Division

Nursing Department

NRSNG 670 - ADV ANESTHIA NSG SEMINAR I

This anesthesia course is the first of two designed to integrate the didactic curriculum with several semesters of clinical anesthesia practice. Student Registered Nurse Anesthetists (SRNAs) will review the practice of nurse anesthesia using current information and resources reflecting the standards of practice in the field of nurse anesthesia. Emphasis will be placed on a case study approach following body systems for surgical procedures and specific influences of physiology and pathophysiology on anesthetic management. Pre-/Corequisites: All Nurse Anesthesiology courses.

2.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NRSNG 708 - INTR INTRAPARTUM MIDWIFERY

1.000 Credit hours

Schedule Types: Lecture

Graduate School Division
Nursing Department

NRSNG 717 - AMBULATORY MIDWIFERY

5.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NRSNG 729 - MIDWIFERY PRIMARY CARE PRACT I

2.000 Credit hours

Schedule Types: Lecture

Graduate School Division
Nursing Department

NRSNG 765 - DEVELOPMENTAL PSYCHOPATHOLOGY

This foundational course introduces graduate/advanced practice nursing students to concepts of developmental psychopathology (the study of the origins and course of individual patterns of behavioral mal-adaptation, [Sroufe & Rutter, 1984, p.18]), vulnerability to stress perspective and particularly highlighting aspects that contribute to resilience and adaptive functioning [Cicchetti & Toth, 1998]. The preventive and intervention applications will be extracted from updated clinical and research literatures. This course will be conducted in a seminar format which will involve the student taking an active participant role in facilitating the synthesis of current literature in developmental psychopathology. Prerequisite/Corequisite: NURS 752

2.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 300 - NUTRITION

Introduces students to the concepts of normal nutrition so that they may build upon this knowledge when working with clients and patients in health care settings. Satisfies the prerequisite basic nutrition course required of all students before entering the undergraduate program at the University of Maryland School of Nursing.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

NURS 304 - INTRO TO PROF NURSING PRACTICE

Introduces students to the nursing process and to its use in addressing common basic needs and responses of persons to

various health states. The student is guided in the application of theory to clinical practice and in the application of theory to clinical practice and in the application of theory to clinical practice and in the development of skills necessary to address the common needs and responses. Clinical lab and simulated experiences opportunities to develop and refine basic clinical practice skills.

0.000 OR 4.000 Credit hours

Schedule Types: [Lab](#), [Lecture](#)
[All Sections for this Course](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 308 - NURSING CARE INFANTS CHILDREN

Nursing Care of the Childbearing and Childrearing Family: Applications of Theory and Practice (2). Provides in-depth knowledge of select nursing issues and health problems when caring for the childbearing/ childrearing family. Emphasis is placed on the biological, psychological, social, cultural and spiritual aspects of the childbearing and childrearing experience. This course includes opportunities for the student to apply maternal- child health content to issues and problems as they exist the context of the childrearing and childbearing family. The seminar format is designed to help students explore selected health issues in-depth and in collaboration with their peers and faculty.

0.000 OR 4.000 Credit hours
4.000 Lecture hours
0.000 Lab hours
0.000 Other hours

Schedule Types: [Clinical](#), [Lecture](#)
[All Sections for this Course](#)

School of Nursing Division
Family and Community Health Department

NURS 309 - HEALTH OF DIVERSE POPULATIONS

Enables students to develop a philosophy and definition of health that takes into account the multiple health care needs of and relationships among populations, communities, families and individuals. Using the components of the nursing process, students learning introductory methods to assess the health status of populations, communities, families and individuals.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Behavioral & Community Health Department

NURS 311 - PATHOPHYSIOLOGY

Focuses on pathophysiological disruptions to system functioning. The alterations within the system are discussed as well as the impact of these alterations on the individual. The student applies previously acquired knowledge in human anatomy and physiology as well as other sciences. This course contributes to the scientific basis for use of the nursing process.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 312 - PHARMACOLOGY

Explores the use of therapeutic drugs in the health care setting and their effects upon normal and abnormal physiology. Pharmacologic agents are discussed in relation to their effects on body systems, mechanism of action and excretion, therapeutic usage and nursing implications. The course builds upon the student's understanding of physiological and pathophysiological processes.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

NURS 315 - PATHOPHARMACOLOGY

5.000 Credit hours
5.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 320 - SCIENCE RESEARCH NURS PRAC

Focuses on the acquisition, evaluation, utilization, and interpretation of information designed to link nursing theory and research as a foundation for nursing practice. Content is reinforced by the use of research critique with emphasis on application to and implications for nursing practice and nursing interventions. clinical practice and research.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 325 - CONTEXT HEALTH I

Provides an overview of the nature of nursing as an evolving profession and its relationship to the structure and function of the U.S. health care delivery system. Major issues and trends in nursing and health care are discussed . Consideration is given to the impact of socio economic, ethical, legal and political variables on the current U. S. health care system. Organizational structures and the dynamics of nursing practice in a changing health care delivery system are explored and discussed.

2.000 Credit hours
2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 330 - ADULT HEALTH NURSING

Utilizes didactic and clinical learning experiences to enable students to provide nursing care across the adult lif span to clients who are experiencing a variety of complex acute, and chronic health problems in various health care settings, including long term and rehabilitation settings.

0.000 OR 7.000 Credit hours
7.000 Lecture hours
0.000 Lab hours
0.000 Other hours

Schedule Types: [Clinical](#), [Lecture](#)
[All Sections for this Course](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 331 - GERONTOLOGICAL NURSING

Explores the unique health and nursing needs of elderly clients and their significant others as well as political, social, economic, ethical and moral issues that have implications for an aging society. Emphasis is on health aging and wellness positive perspectives on aging.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 333 - HEALTH ASSESSMENT

Provides the knowledge and skills necessary to assess individual health as a multidimensional, balanced expression of biopsychosocial-spiritual-cultural well being. Course content reflects a functional health and systems approach to nursing assessment of persons through all developmental stages. This course is fundamental to all levels of undergraduate nursing education.

0.000 OR 3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lab](#), [Lecture](#)

[All Sections for this Course](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 402 - PSYC MENTAL HEALTH NURSING

Provides the opportunity for the student to gain an appreciation of the importance of mental health care. The student examines persons from the empiricist view through research and integration of the biological model; the moral view is evident in the importance placed on the person's rights and an awareness of the many ethical issues surrounding psychiatric care.

0.000 OR 5.000 Credit hours
0.000 Lab hours
0.000 Other hours

Schedule Types: [Clinical](#), [Lecture](#)

[All Sections for this Course](#)

School of Nursing Division
Family and Community Health Department

NURS 403 - COMMUNITY HEALTH NURSING

Enables students to provide nursing care to families, communities and populations within their respective environmental contexts. Awareness of context and social responsibility is emphasized for the development of a personal philosophy of nursing.

0.000 OR 5.000 Credit hours
5.000 Lecture hours
0.000 Lab hours
0.000 Other hours

Schedule Types: [Clinical](#), [Lecture](#)

[All Sections for this Course](#)

School of Nursing Division
Family and Community Health Department

NURS 405 - INFORMATICS AND TECHNOLOGY

Provides the opportunity to explore the role of the nurse relative to the assessment of health care technologies and information systems and their incorporation into clinical practice. Current and emerging health care technologies are investigated with an emphasis on the actual and potential effects of these technologies on the work of nurses, the process of care and patient outcomes.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 407 - MATERNAL AND CHILD NURSING

0.000 OR 5.000 Credit hours
2.000 Lecture hours

Schedule Types: [Clinical](#), [Lecture](#)

[All Sections for this Course](#)

School of Nursing Division
Nursing Department

NURS 415 - PATHOPHARMACOLOGY

5.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 418 - SPECIAL TOPICS IN NURSING

Focuses on current health-related topics such as ethics and values, holistic health care, issues in women's health, oncology

nursing and cross-cultural nursing.

1.000 TO 9.000 Credit hours
1.000 TO 9.000 Lecture hours

Schedule Types: Elective

School of Nursing Division
Nursing Department

NURS 419 - SPECIAL TOPICS IND STUDY

1.000 TO 9.000 Credit hours
1.000 TO 9.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 425 - CONTEXT OF HLTH CARE DELIVR II

Focuses on the management function and leadership roles of the professional nurse in today's health care environment. Organizational, regulatory, political and interpersonal factors that affect nursing practice and the administration of health care services are explored. The integration of management theory and the social responsibility of the nursing profession are emphasized.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 427 - CLINICAL EMPHASIS SEMINAR

Enables the student to focus on an area of clinical interest. Major characteristics of the clinical specialty such as the types of clients/patients, types of diseases/ disorders/common problems, preventive aspects, special knowledge and skills needed and available resources are explored.

1.000 Credit hours
1.000 Lecture hours

Schedule Types: Lecture/Clinical

School of Nursing Division
Nursing Department

NURS 487 - CLIN EMPHASIS PRAC AND SEM

Provides opportunities to apply knowledge from other nursing courses and from the clinical emphasis seminars to specific clinical situations in order to further develop and refine clinical skills in the selected emphasis area. The student works with a clinical preceptor in the development, implementation and evaluation of objectives specific to the emphasis area and to the clinical setting.

5.000 OR 6.000 Credit hours

Schedule Types: Clinical

School of Nursing Division
Nursing Department

NURS 501 - PATHO/PHARM IN NURS PRACTICE

This course focuses on the pathophysiologic disruption to system functioning and on the use of therapeutic drugs in the health care setting. This course will provide an understanding of the Therapeutic Experiment and the role of the nurse in managing drug therapy. The student applies previously acquired knowledge in human anatomy and physiology as well as other basic sciences. The course contributes to the scientific basis for nursing practice.

5.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 503 - HEALTH ASSESSMENT

This course is designed to provide the nursing student with the knowledge and skills necessary to assess individual health as a multi-dimensional expression of bio-psycho- social-cultural well being. Course content will reflect a functional health and systems approach to nursing assessment of humans through all developmental stages.

0.000 OR 3.000 Credit hours

Schedule Types: Lab, [Lecture](#)

School of Nursing Division
Nursing Department

NURS 505 - INTRO PROF NURS PRACTICE

This didactic, laboratory, clinical and seminar course introduces students to the concepts of contemporary professional nursing. The student is guided in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication, and therapeutic skills necessary to address common needs and responses of persons experiencing various health states. Prerequisite: NURS 503

0.000 OR 4.000 Credit hours

Schedule Types: Lab, [Lecture](#)

School of Nursing Division
Nursing Department

NURS 507 - CONTXT OF HLTH CARE DELIVERY I

This course provides an overview of the nature of nursing as an evolving profession and its relationship to the structure and function of the United States health care delivery system. Major issues and trends in nursing and health care are explored. Consideration is given to the impact of social, political, economic, and technological factors on the health care system and the nursing profession. The development of basic skills and competencies in problem-solving, decision-making, group dynamics, delegation and supervision are addressed.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 508 - COMMUNITY/PUBLIC HLTH NSG CNL

This course provides the foundational principles of community and public health nursing using theory, analytic skills, and related clinical experiences. Global, federal, and state and local public health priorities and policy options are examined to illustrate the nursing process for the care of communities and populations. The sciences providing the evidence base for community and public health assessment, intervention, and evaluation are integrated into the course. These include introductory epidemiology, community based participatory research (including cultural awareness and competence), nursing and social sciences and qualitative methods. Ethical principles and concepts of social justice are incorporated by analyzing the origins of health disparities especially in cases of special (vulnerable) populations. The U.S. public health system is analyzed relative to the Alma Ata Declaration, U.S. health goals, local emergency preparedness, populations' access to care, and cost. The historical, current, and future role of nurses who care for populations by empowering individuals, families, and communities is critically analyzed. Students apply evidence-based interventions in a variety of public and private clinical settings.

Prerequisites: NURS 501, NURS 503, NURS 505, NURS 507, NURS 625 Co-requisite: NURS 509, NURS 511, 736

0.000 OR 5.000 Credit hours

3.000 Lecture hours

2.000 Other hours

Schedule Types: [Clinical](#), [Lecture](#)

[All Sections for this Course](#)

School of Nursing Division
Family and Community Health Department

NURS 509 - THE CHILDBEARING FAMILY CNL

This course provides an understanding of prenatal, women and family nursing principles through classroom and seminar experiences. Course content builds on the Association of Women's Health, Obstetric, and Neonatal Nurses' Standards and Guidelines and the American Association of Colleges of Nursing Clinical Nurse Leader (CNL) role delineation. An evidence-based practice approach is used and emphasis is placed on the biological, psychological, social, cultural, and spiritual aspects of the childbearing experience. Course content includes patientcentered care and examination of the societal and technological issues that influence women and childbearing families. Students will apply theory into clinical practice through nursing care experiences with antepartal, intrapartal, and postpartum families in a variety of inpatient and outpatient settings. Prerequisites: NURS 503, NURS 505 Co-requisites: NURS 508, NURS 511

0.000 OR 5.000 Credit hours

3.000 Lecture hours

2.000 Other hours

Schedule Types: [Clinical](#), [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 511 - PSYCHIATRIC NURSING:CNL

This course provides an understanding of psychiatric and mental health nursing principles through classroom and related clinical experiences in a variety of settings. Course content builds on the American Nurses Association of Colleges of Nursing Clinical Nurse Leader (CNL) role delineation. Using an integrated Biological, Psychological, sociocultural, environmental, and spiritual approach, students will learn interventions for the care of individuals and groups with psychiatric disorders. Empirical, aesthetic, ethical, and personal ways of knowing are explored as a basis for understanding the holistic needs of persons with psychiatric disorders. Current research, theory, and biological foundations of psychiatric disorders are introduced. Evidence-based interventions, issues of professional and personal involvement in psychiatric mental health nursing, and legal and ethical implications of caring for persons with psychiatric disorders are discussed. The course requires the clinical application of communication, interpersonal, crisis intervention, cognitive behavioral, and motivational interviewing theory and skills. Students apply psychopharmacological principles, critical thinking, patient education skills, support, advocacy and caring in the clinical setting. The therapeutic use of self and the leadership role of the CNL are emphasized. The course provides opportunities for students to learn to function as beginning CNLs in the roles of professional, clinician, outcomes manager, advocate, educator, and life-long learner. Prerequisites: NURS 501, NURS 503, NURS 505, NURS 507, NURS 625
0.000 OR 5.000 Credit hours

Schedule Types: [Clinical](#), [Lecture](#)
[All Sections for this Course](#)

School of Nursing Division
Nursing Department

NURS 514 - ADULT HEALTH NURSING FOR CNL

This course is designed to introduce Clinical Nurse Leader students to the application of the nursing process for clients in acute care units. Topics fundamental to the provision of client-centered nursing care in the adult acute care environment will be covered. Lectures, discussion, and clinical application will be used to address topics relevant to beginning nursing practice as a clinical nurse leader. Prerequisites: NURS 501, NURS 503, NURS 505
0.000 OR 6.000 Credit hours

Schedule Types: [Clinical](#), [Lecture](#)
[All Sections for this Course](#)

School of Nursing Division
Nursing Department

NURS 517 - NURS INFANTS CHILDREN CNL

This course provides an understanding of how familycentered atraumatic care in the pediatric setting facilitates the health and well being of infants, children, adolescents and their families. The biological, psychological, social, cultural, and spiritual aspects of the child within the context of the family unit are examined. The strength and the competence of the family are enhanced through emphasis on the development of mutuality and partnerships between the pediatric nurse and the parents. Current pediatric health issues related to wellness and illness are examined utilizing an evidence-based practice approach. Clinical experiences will afford the CNL student the opportunity to provide nursing care across the continuum of pediatric health care services meeting the physical and psychological needs of infants, children and adolescents in primary, acute, critical and chronic care settings. Opportunities are provided through a variety of clinical experience for the development and refinement of assessment skills, critical thinking and problem solving skills as well as nursing intervention strategies. Prerequisites: NURS 501, NURS 503, NURS 505, NURS 507, and NURS 625
0.000 OR 4.000 Credit hours

Schedule Types: [Clinical](#), [Lecture](#)

School of Nursing Division
Nursing Department

NURS 523 - CLINICAL NURS LEADER EMPH PRAC

This course is the capstone clinical practicum and seminar taken in the final semester of the Clinical Nurse Leadership program of study to facilitate the transition from nursing student to clinical nurse leader. Analysis and synthesis of information from all coursework is applied to the delivery of organized, safe, efficient, outcomes oriented nursing care in a variety of clinical situations. The components of the course are the clinical and leadership preceptorship, critical thinking, and career planning. The course provides the student with opportunities to apply knowledge from nursing courses (they may also apply previous knowledge from other spheres) and critical thinking skills to clinical situations, patient care leadership, and case studies. The student works with a clinical preceptor to develop, implement and evaluate objectives specific to the clinical patient care and leadership in the emphasis area. Prerequisites: All program courses are prerequisites to NURS 523 except NURS 701 and NURS 622. NURS 525 must be taken concurrently. This course is taken during the last semester of the program of study.
8.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 525 - CLINICAL LEADERSHIP

This course focuses on the leadership roles and management functions expected of the clinical nurse leader in a contemporary healthcare environment. Organizational, economic, regulatory and interpersonal factors that impact nursing practice are explored. The administrative process is emphasized as a framework for analyzing concepts and principles such as system

theory, fiscal principles, quality improvement methodologies, planned change and the principle attributes of professionalism, among others. Stress is placed on the development of critical thinking skills and the identification of nursing leadership and research implications. The integration of leadership and management theory and the social responsibility of the nursing profession are emphasized. Prerequisites/Co-requisite NURS 507 and one major clinical course such as, NURS 509, NURS 508, NURS 511, NURS 514 and NURS 517.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 602 - PLNG HLTH CARE POPULATIONS

Provides selected conceptual and contextual frameworks needed by advanced practice nurses in the delivery of health care services to populations in an evolving health care system. Introduces a variety of theories and models for managing health care of populations from a population perspective. Involves a wide range of learning activities including using quantitative and qualitative epidemiological methods related to health indicators and accessing relevant health databases for health care planning purposes. Planning concepts and quality indicators needed to effect changes in the health status of selected populations provide practice applications. Cultural determinants of care are also addressed.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 603 - NURS IN MASS CASUALTY EVENTS

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 604 - PHARM OF ANESTH NURS

This course will provide a comprehensive understanding of the pharmacology of the inhalation anesthetics. The principles of uptake and distribution (pharmacokinetics) of inhalation anesthetics will be discussed along with factors (e.g., flow rates, co-administration of N₂O, variations in CO) that can influence the rate of rise of alveolar tension. This course will also cover the pharmacokinetics and pharmacodynamics of intravenous anesthesia drugs. Prerequisite: NURS 723

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 605 - COMPREH ADULT HEALTH ASSESSMNT

Builds on previously learned skills and knowledge to develop advanced skills in obtaining and completing a comprehensive health history and physical, and develop competence in identifying, describing and communicating normal and abnormal findings in a written and oral format. A major focus of this course is on the assessment process. Prerequisite: NURS623 Co-requisites: NPHY 612

3.000 Credit hours

3.000 Lab hours

Schedule Types: [Lecture/Lab](#)

School of Nursing Division
Adult Health Nursing Department

NURS 606 - SYST IN HEALTH CARE DELIVERY

Provides a systems-level analysis of health care policy trends and their effects on organizations and delivery systems, as well as provider and consumer roles in health care delivery. Investigates policy and societal trends affecting health care, the nursing profession and nursing practice. Analyzes health care delivery systems responding to rapidly changing financial incentives that influence the industry at the community, state, national and international levels. Assesses the dynamics of these changes on the roles of health care providers and consumers from the economic, social, organizational, political, ethical, legal and technological perspectives. Examines nursing roles and leadership strategies for influencing policy decisions. Emphasis is placed on nursing's role in affecting the health care environment and on the effects of external forces on advanced practice roles and the profession.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 608 - SPECIAL PROBLEMS IN NURSING

Provides for alternative learning experiences: independent study, development of specific clinical competencies, classes focusing on a variety of special interest topics or topics of an interdepartmental nature. Registration requires permission of advisor. Students may register for one to three credits per semester with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 609 - CRITICAL ISSUES IN HEALTH CARE

Enables an interdisciplinary group of students to examine the policy, legal and ethical components of a variety of critical issues in health care delivery. Several teaching techniques, including case studies, simulations, mock hearings and panel discussions are used to explore such topics as medical malpractice, rights of patients to refuse treatment, informed consent and substituted consent in medical decision-making, regulation of experimental drugs, cost containment in the health care system and delivery of health care to the poor and indigent. The course is taught by faculty from a variety of disciplines, including law, philosophy, nursing, medicine, dentistry, pharmacy, social work and economics.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 610 - PHARM ANES NURS II

This course is a continuation of the study of concepts developed in Pharmacology of Anesthesia Nursing I. In this second semester course emphasis is placed on the study of the uptake, distribution, and biotransformation of anesthetic drugs. The course will also provide information on anesthesia drugs used in clinical specialty areas such as obstetric and pediatric anesthesia and local anesthetics. Prerequisites: NURS 604

2.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 611 - INTRO TO PRIMARY CARE NURSING

3.000 Credit hours

2.000 Lecture hours

1.000 Other hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 612 - TRENDS & ISSUES WOMEN'S HEALTH

Focuses on the evolution of women's health as a discipline and the importance of examining gender-related differences. Discussions include cultural, psychological, social, economical, legal and biological determinants of health and well being of adolescents and women throughout the life span.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 613 - PRINCIPLES OF ANESTH NURS I

This course provides introductory information pertinent to the clinical practice of anesthesia. Students will build on their previous critical care clinical experience to develop advanced and essential information on providing preanesthesia, intra-anesthesia, and post-anesthesia patient care. Emphasis is on basic information in nurse anesthesia about the induction, maintenance, and emergence from anesthesia to include monitoring, patient positioning, and anesthesia record keeping. Additionally, students will build on previously learned skills and knowledge to develop advanced skills in obtaining and

completing a comprehensive pre-operative health history and physical. This will allow the student to develop competence in identifying, describing and communicating normal and abnormal assessment findings in written and oral format and using this information to develop an anesthesia plan of care.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 614 - PRINC ANES NURS II

This course is designed to further explore and develop concepts taught in Principles of Anesthesia Nursing I with an emphasis on the anesthetic management of the pediatric, geriatric and obstetrical patient. The student will review the specific anesthetic needs, unique physiological requirements and specific safety issues for each specialty. Students will learn to modify their standard anesthesia techniques for healthy adult patients to address the safety issues and unique needs of these groups.

Prerequisite: NURS 613

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 615 - REGIONAL ANESTHESIA

This course is designed to provide the anesthesia student with knowledge of anatomy, physiology, pharmacology and clinical aspects of the administration and management of regional anesthesia. The course will review neurophysiology and anatomy, pharmacology of local anesthetics, safety requirements and precautions and contraindications to regional anesthesia as well as correct documentation of regional anesthesia administration and maintenance. Prerequisite: NURS 613 and NURS 614

2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 616 - CHEM&PHYSICS OF ANESTH NURSING

2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 617 - TECHNOLOGY & PHYSICA ANES NURS

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 618 - SPEC PROB IN PRIMARY CARE

Develops special competencies or facilitates in-depth clinical experience in an independent study format. Students who are not specializing in primary care may elect this experience to study selected concepts relating to primary care nursing. Students may register for varying units of credit, ranging from one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 619 - CLINICAL PRAC IN PRIM CARE I

Focuses on refining health assessment skills, interpreting findings, and developing and implementing appropriate plans of care to meet common health maintenance needs of adults and to promote the health of adults with common health problems.

Women's Health Nurse Practitioner students register for three credits, and Adult Health Nurse Practitioner students register for five credits. Prerequisite: NURS 605, NURS 723, NPHY 612

3.000 TO 5.000 Credit hours

1.000 Lecture hours

3.000 TO 4.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 620 - DIAG MGMT ADULT PRIM CARE I

Prepares the student to diagnose and manage the primary health care needs of adults, including health promotion, health maintenance, acute, self-limiting minor illnesses and stable chronic diseases. Teaches the student to develop diagnostic reasoning skills in clinical decision-making. Prerequisites: NPHY 612, NURS 605, NURS 723

4.000 Credit hours

4.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 621 - TECH IN ANESTH NURSING

The course provides a basic integration of the knowledge of clinical anesthesia, physical sciences, and technologies related to the administration of anesthesia. Students will build from their previous clinical experience in monitoring technology and expand to understanding its role in vigilance and patient safety during anesthesia. Emphasis is placed on how to check anesthesia equipment to reveal problems before harm comes to the anesthetized patient. Principles of vaporization, properties of gas molecules, vapors and liquids related to anesthesia practice will also be studied.

1.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 622 - SYS & POPUL IN HEALTH CARE

This core course provides an analysis of critical issues in health care delivery and population health. An overview of the design and structure of the U.S. health care system is presented including the policy, regulatory, financial, technological and social dynamics impacting health care organizations, health care professionals, and consumers of health care services. Building on knowledge of the health care system, the epidemiological bases for local and national health care trends are examined. Issues of cultural diversity, health disparities, and social justice in health care are analyzed. Strategies to enable advanced practice nurses to influence policy and resources allocation to improve health and reduce health disparities are covered.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 623 - ADV ASSESSMT OF CRITICALLY ILL

Focuses on the assessment of the critically ill patient. Assessment data from invasive monitoring, laboratory tests and diagnostic studies are analyzed. Clinical experiences in intensive care and trauma units are provided. Prerequisites or co-requisite: NURS 605, NPHY 612

0.000 OR 3.000 Credit hours

Schedule Types: [Clinical](#), [Lecture](#)

[All Sections for this Course](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 624 - PAIN MANAGEMENT

Focuses on current issues and concepts related to pain assessment and management. Utilizes a theoretical and research foundation to explore the affective dimensions of pain, the impact on family or significant others, cost-benefit issues in pain management and the relationship between pain and quality of patient care.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 625 - INTRO GERONTOLOGICAL NURSING

The first level course is designed to provide the student with the opportunity to systematically explore concepts relevant to

successful aging. Emphasis is placed on normal psychosocial factors rather than the pathological changes associated with aging. Factors which affect the delivery of health services and gerontological nursing care are critically discussed. The appropriateness of research findings for clinical practice will be analyzed. Nursing strategies aimed at health promotion and successful aging are developed.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Adult Health Nursing Department

NURS 626 - PROCESSES OF AGING

Provides an in-depth analysis of specific concepts related to alterations in health of the older adult, especially the frail older adult. Emphasis is placed on assessment methodologies and research-based interventions designed to assist the individual to cope with acute and chronic alterations in health. Emphasis is on improving quality of care for the most frail and disabled older adults across the continuum of long-term care. Prerequisites: NURS 625, NURS 701. Prerequisite or concurrent: NPHY 614

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 627 - ANESTH NURS PRACT I

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 628 - SPECIAL PROBLEMS

Provides alternative learning experiences: independent study, development of specific clinical competencies and classes focusing on a variety of special topics. Students may register for varying amounts of credit, ranging from one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Adult Health Nursing Department

NURS 629 - PRIM & SEC PREV CANCER

Examines patient-centered issues important in the development and detection of cancer. Provides an overview of cancer epidemiology with emphasis on familial, racial and national disparities in cancer incidence and mortality. Explores concepts of primary and secondary prevention, risk factors, relative risk, risk perception, risk calculations and risk reduction strategies. Cancer screening methods are examined with respect to their sensitivity, specificity, cost effectiveness and acceptability to patients. Policy issues regarding availability and utilization of cancer screening and prevention programs are discussed. Cultural issues with respect to patient education, health practices, access to health care and attitudes toward illness and cancer are addressed.

2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 630 - FPI: HLTH PROMOTION

Focuses on health promotion and disease prevention strategies for patients across the life span. Addresses the health promotion role of the family nurse practitioner in primary care. Emphasizes the multi-dimensionality of health promotion and disease prevention within emergent family systems. Synthesizes data to formulate a comprehensive management plan for patients across the life span. Prerequisites or concurrent: NURS 605, NURS 610, NURS 660. Concurrent: NURS 631.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Child, Women's & Family Health Department

NURS 631 - FPI: HLTH PROMOTION PRACTICUM

Emphasizes the clinical implementation of health promotion and disease intervention strategies for patients across the life span. Concentrates on the health promotion role of the family nurse practitioner in primary care settings. Includes the synthesis of data and the formulation of comprehensive management plans for patients and families. Prerequisite or concurrent: NURS 605, NURS 610, NURS 660. Concurrent: NURS 630
2.000 Credit hours

Schedule Types: Lecture

Graduate School Division
Family and Community Health Department

NURS 632 - CLIN MGT COM HLTH PROB

Focuses on developing a knowledge base for effective diagnosis and management of selected acute, commonly occurring health care problems throughout the life span. Integrates pathophysiology, psychopathology and pharmacotherapeutics, with growth and developmental concepts within the context of family theory. Prerequisites: NURS605, NURS 610, NURS 630, NURS 631, NURS 660. Prerequisite or concurrent: NURS 723. Concurrent: NURS 633.
3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 633 - PRAC MGT COM HLTH PROB

Focuses on the clinical application of critical diagnostic reasoning skills in the case management of acute commonly occurring health care problems encountered across the lifespan. Emphasizes clinical integration of pathophysiology, psychopathology, pharmacotherapeutics, family theory, health promotion, growth and developmental processes within family practice settings. Stresses the diagnostic and therapeutic role of the family nurse practitioner in primary care. Prerequisites: NURS 605, NURS 610, NURS 630, NURS 631, NURS 660. Prerequisite or concurrent: NURS 723. Concurrent: NURS 632.
5.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 634 - ADV HLTH ASSESS OLDER ADULTS

Assists in developing the knowledge and skills necessary for the beginning-level gerontological nurse in an advanced practice role. Focus is on the health assessment of the older adult and the clinical reasoning skills needed to differentiate normal from abnormal changes. Exploration of the advanced practice-nursing role in a variety of health care settings facilitates role transition and realistic understanding of these advanced practice roles. Prerequisite or concurrent: NPHY 600.
2.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 635 - PRAC PERINATAL NEONATAL CLIN

4.000 Credit hours
4.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 636 - CLIN DIAG MGMT OLDER ADULT

Prepares the student to function as a gerontological nurse practitioner (GNP) in an ambulatory or long-term setting with older adults who present with common acute and chronic health problems. The student applies assessment skills, laboratory/diagnostic methods and clinical diagnostic reasoning skills in caring for older adults. Treatment strategies that include selection of pharmacotherapeutic agents emphasize the total well-being of the older adult (physical, psychosocial, cognitive and environmental components). Prerequisites: NPHY 612, NURS 625, NURS 605 and NURS 634. Prerequisite or co-requisite: NPHY 614, NURS 723
6.000 Credit hours

Schedule Types: Lecture

School of Nursing Division

Organizational Syst & Adult Hlth Department

NURS 637 - ANESTHESIA NURS PRACTICUM I

This course will build on the previous clinical experiences and lectures to allow the student nurse anesthetist to provide comprehensive anesthesia care through the whole spectrum of the anesthesia process. Students will continue to provide pre-anesthetic assessments, develop anesthesia care plans, provide safe and effective anesthesia pre-operatively, intra-operatively and post-operatively. Students will perform at a basic level under the supervision of a Certified Registered Nurse Anesthetist or anesthesiologist. Student will present and discuss cases, clinical difficulties and solutions with peers and faculty in weekly clinical conference. Prerequisite: NURS 614, and NURS 615

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 638 - SPEC PROB PERI-NEONATAL NURS

Provides for alternative learning experiences: independent study, development of specific clinical competencies, classes focusing on a variety of special interest topics or topics of an interdepartmental nature within the broad category of maternity nursing. Students may register for varying amounts of credit, ranging from one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 639 - ADV NURS CHLDBEARNG FAM NEONAT

4.000 Credit hours

4.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 640 - MGT COMPLEX HEALTH PROBS

Focuses on the disease management of complex chronic health care problems in patients across the life span. Integrates pathophysiology, pharmacotherapeutics, growth and development and health promotion into the context of family practice settings. Emphasizes the ongoing development of critical thinking skills for comprehensive assessment, diagnosis and therapeutic interventions for chronic health care problems in children and adults. Prerequisites: NURS 605, NURS 610, NURS 630, NURS 631, NURS 632, NURS 633, NURS 660, NURS 723. Concurrent: NURS 644.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 641 - CANCER MANAGEMENT

This is the last of three didactic courses required for completion of the Masters' specialty track for advanced practice in oncology nursing. Strategies for cure of cancer, treatment of non-curable cancer, and management of commonly encountered symptoms and side effects due to the cancer itself or to the treatment are discussed using relevant clinical research.

Prerequisites: NURS 723, NURS 629 and NPHY 601

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 642 - PROF ASPECTS ANESTHESIA NURS

This course is designed to explore various professional issues and national health policy that affects nurse anesthesia practice and the nurse anesthesia profession. Students will review the history and organization of the American Association of Nurse Anesthetists (AANA) and the responsibilities of the nurse anesthesia councils. Emphasis will be placed on the ethics of nurse anesthesia and the legal challenges and responsibilities of a CRNA. Prerequisite: NURS 614

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 643 - ADV NURSING OF CHILDREN I

This clinical course emphasizes the role of the Advanced Practice Nurse in the management of acutely ill infants, children and adolescents. Clinical experiences are in hospitals, emergency settings, and trauma/emergent care facilities. The focus of this course is implementation of the nursing process, advanced psychophysiological assessment skills, diagnostic skills, and pharmacological management and treatment plans for children with acute health needs. A strong emphasis will be placed on the needs of families when children suffer acute illness/trauma and community resources that can assist them. An additional focus of the course is the blending of the clinical specialist roles with practitioner skills. Critical or clinical pathways will provide the foundation for exploring the needs of children and families. This course is taught during the eight week summer session.

Prerequisites: NURS 611, NURS 710, NURS 713.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Child, Women's & Family Health Department

NURS 644 - PRAC MGT COMP HLTH PROB

Focuses on the management of complex chronic health care problems in patients across the life span. Emphasizes effective implementation of critical thinking skills for age-appropriate assessment, diagnosis and treatment of chronic health care problems encountered with patients in a variety of family practice settings. Prerequisite: NURS 632

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 645 - ADV NURSING OF CHILDREN II

Focuses on the emerging role of the advanced practice pediatric nurse and the delivery of primary care within the reconceptualization of the health care system. Involves the synthesis of all prior coursework, application of critical thinking to the clinical arena, implementation of the nursing process and advanced physical assessment skills. Emphasizes tertiary care-based services. Prerequisite: NURS 643

5.000 Credit hours

5.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 646 - ADVANCED PRACTICE ROLE

Focuses on the emerging role of the advanced practice nurse. Emphasizes role realignment, organizational theory, legal and ethical decisions and management issues in the health care system. Prerequisite: NURS 611, NURS 643, NURS 710, NURS 711, NURS 713, NURS 714

2.000 Credit hours

2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 647 - DIAG MGMT COMMON ACUTE CARE

Provides the basic knowledge and skills necessary to practice at the beginning level as an advanced practice nurse with adult populations in acute care settings. Emphasizes the development of a conceptualization of the role of advanced practice nurses, skills in diagnostic reasoning and clinical decision-making, and the examination of theoretical and empirical bases for advanced nursing practice. Direct practice content focuses on health problems commonly encountered in acutely ill and injured individuals. Indirect practice content focuses on the critical analysis of medical and nursing interventions commonly used with acutely ill adults. Clinical experiences in acute care settings provide opportunities for the development of diagnostic reasoning and beginning management of common acute care problems. Prerequisites: NURS 605 and NPHY 600. Prerequisites or concurrent: NPHY 601 or NPHY 620 and NURS 723.

5.000 Credit hours

2.000 Lecture hours

3.000 Other hours

Schedule Types: [Lecture](#)

School of Nursing Division

Adult Health Nursing Department

NURS 648 - SPECIAL PROB IN NURS OF CHILD

Provides alternative learning experiences: independent study, development of specific clinical competencies, classes focusing on a variety of special interest topics or topics of an interdepartmental nature within the broad category of nursing of children.

Prerequisites: NURS 611

1.000 TO 6.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 649 - ADV NURS HIGH-RISK NEONATE I

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Child, Women's & Family Health Department

NURS 654 - PRINCIPLES OF ANESTH NURS III`

The course will build on the information presented in previous courses to familiarize the nurse anesthetist student with anesthetic drugs, techniques and surgical issues unique to the cardiothoracic patient and the surgical patient with cardiac disease. Prerequisite: NURS 613, NURS 614

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 655 - CNCPTL FNDS IN FMLY THRPY

This course offers the student an orientation to family theory and various methods and techniques of family therapy directed toward the delineations of family systems and the identification of possible directions and methods of affecting changes in such systems. The course includes a seminar in family concepts related to different family therapy theorists and provides an opportunity for the student to begin to identify a personal operating position on family theory and therapy. Prerequisite or concurrent: NURS 677, Clinical Diagnosis of Psychopathology

2.000 Credit hours

2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 656 - CNCPTL FNDS IN FMLY THRPY/PCTM

This course provides an opportunity for students to apply concepts of family therapy in a clinical setting. Assessment of multiple families will be undertaken. Theoretically grounded techniques will be utilized and evaluated. Students will be expected to critically analyze strengths and barriers to the therapeutic use of self in clinical settings. This course offers a student the opportunity to integrate family therapy theory with practice applications and provides an opportunity for students to begin to identify a personal operating position on family theory and therapy. Prerequisite or concurrent: NURS 667. Concurrent: NURS 655.

3.000 Credit hours

3.000 Lab hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 657 - ANESTHESIA NSG PRACTICUM II

This clinical course provides opportunity for the student anesthetist to continue to develop judgment, insight and knowledge of clinical practice. Students will provide a pre-operative assessment and develop anesthesia care plans for more complex patients under the direct supervision of a Certified Registered Nurse Anesthetist or an anesthesiologist instructor. Students will operate at a more advanced level, begin to develop more complex anesthesia care plans and administer anesthesia care more independently. Student nurse anesthetists will attend a weekly clinical conference to present cases to their peers and faculty. Students will discuss case problems and achievements and discuss solutions based on discussion with other students and faculty. Prerequisite: NURS 637

5.000 Credit hours

Schedule Types: [Lecture](#)

Graduate School Division
Nursing Department

NURS 658 - SPEC PROB ADULT PSYCH NURSING

Provides alternative learning experiences: independent study, development of specific clinical competencies, classes focusing on a variety of special interest topics or topics of an interdepartmental nature within the area of adult psychiatric nursing. Students may register for varying amounts of credit, ranging from one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours
1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 659 - ORG & PROF DIM OF NSG PRAC

Dimensions of Advanced Nursing Practice (3) This core course provides content related to organization- al and professional challenges experienced by nurses in advanced practice whether in clinical care, education, management, or research. The course examines professional, social and organizational factors that influence work of advanced practice nurses. Roles that advanced practice nurses assume are examined with a particular emphasis on leadership development. Leadership strategies address fiscal management; interdisciplinary, interand- intra-organizational collaboration; professional and business ethics; and quality improvement. The course encompasses advocacy for the profession and for clients, management of innovation and change, as well as the strategies and skills needed for working in groups. The course is intended to be taken concurrently with clinical courses.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Graduate School Department

NURS 660 - ADV HEALTH ASSESSMENT FAMILY

4.000 Credit hours
4.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 664 - THERAPEUTIC INTERV LIFESPAN

This graduate seminar course introduces students to selected theoretical constructs and therapy processes related to brief (short term) individual therapy and group therapy frameworks. Students will have the opportunity to analyze and critique relevant research, selected clinical applications to special populations across the lifespan, and identify outcomes associated with use of different frameworks. Legal, cultural and ethical implications of individual and group therapy will be discussed.

Prerequisite or co-requisite: NURS 667
2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 665 - THERAP INTERV LIFESPAN PRACT

This practicum course provides an opportunity for students to apply concepts of brief individual and group psychotherapy across the lifespan. Theoretically grounded brief individual and group therapy strategies form the basis of assessment, intervention and evaluation of treatment outcomes. Students have the opportunity to collaboratively develop therapeutic contracts and work with clients in individual and group therapies (8 hours field work per week +clinical supervision). Clinical supervision will provide students with the opportunity to critique treatment outcomes and therapeutic use of self in brief individual and group psychotherapy. Prerequisite or co-requisite: NURS 667, Co-requisite NURS 664
3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 666 - BIOFEEDBACK

This course will be an entry-level, experiential course in biofeedback, self-regulatory training, and stress-management. The course covers the content areas of the Biofeedback Certification Institute of America (BCIA) biofeedback certification exam. These include basic applied psychophysiology and self-regulation, psychophysiological assessment, biofeedback instrumentation, biofeedback training for various conditions, and issues of professional practice. Students will engage in a wide range of learning activities including lectures, discussions, experiential biofeedback and relaxation training. Students will ultimately be capable of designing brief biofeedback training protocols for patients with selected disorders.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 667 - DIF DIAG MENTAL DISORDERS LIFE

This core specialty course provides the student with the knowledge and skill to perform advanced clinical assessment of mental disorders using the DSM-IV. The course emphasizes a multidimensional approach to assessment that integrates behavioral and social data into a comprehensive clinical evaluation of behavioral dysfunction and mental disorders, with appropriate recommendations for treatment of individuals across the life span. The course incorporates the use and interpretation of psychological behavioral scales, laboratory tests, observational and interview data integrated with the latest scientific knowledge about the biopsychological and socio-cultural dimensions of mental disorders. Clinical applications, appropriate to the student's population focus of study (adult, geriatric, child and adolescent) allow students to complete comprehensive clinical assessments related to the diagnosis and treatment of major mental disorders. Students are encouraged to select patients for clinical assessments from medically underserved and vulnerable populations.

4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Behavioral & Community Health Department

NURS 668 - SPEC PROB IN CHILD PSYCH

Provides alternative learning experiences; independent study, development of specific competencies, classes focusing on a variety of special interest topics or topics of an interdepartmental nature within the area of child psychiatric nursing. Students may register for varying amounts of credit, ranging from one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 669 - PRIMARY CARE OF WOMEN

Provides the theoretical and clinical foundation for a nurse practitioner to manage health maintenance and nonlife-threatening disruptions specific to women throughout their life span. Collaboration with other health care providers is emphasized. Content includes normal antepartum and postpartum care, contraception, menopause and common gynecological disruptions, including the prevention and treatment of sexually transmitted diseases. Prerequisites: NURS 611, NURS 619, NURS 620, NPHY 610 for Women's Health Students; Prerequisite or concurrent: NPHY 608.

4.000 TO 6.000 Credit hours

4.000 TO 6.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 670 - ISSUES IN SCHOOL HEALTH

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 671 - EPIDEMIOLOGICAL ASSESS STRAT

This course focuses on assessment of physical and social indicators of public health. Epidemiologic methodologies will be stressed, with application to public health problems of the student's choice. Assessment strategies and applications will continue the aggregate focus introduced in the core. The course will build on the public health principles and practices introduced in the community/public health nursing specialty curriculum. Students will be ready to design programs and address

needs identified from an empirically based assessment process. Prerequisite or corequisite: NURS 622

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Behavioral & Community Health Department

NURS 672 - PRIN ANESTHESIA NURSING IV

The course is designed to build on the information and techniques presented in Principles of Anesthesia I, II and III with an emphasis on the anesthetic management of the trauma patient including orthopedic, neurosurgical, thermal injury, and emergency patients. The student will review the specific anesthetic need of the surgical trauma patient and the emergency surgical patient. Relevant pathophysiology, assessment process, clinical management and safety issues will be emphasized.

Prerequisite/Co-requisites: NURS 627, NURS 637 and NURS 657

3.000 Credit hours

Schedule Types: Lecture

Graduate School Division

Nursing Department

NURS 673 - ANESTHESIA NURS PRACTICUM III

This clinical course provides opportunity for the student anesthetist to continue to develop judgment, insight and knowledge of clinical practice. Students will provide a pre-operative assessment and develop anesthesia care plans for more complex patients under the direct supervision of a Certified Registered Nurse Anesthetist or an anesthesiologist preceptor. Students will operate at a more advanced level, begin to develop more complex anesthesia care plans and administer anesthesia care more independently. Student nurse anesthetists will attend a weekly clinical conference to present cases to their peers and faculty. Students will discuss case problems and achievements and discuss solutions based on discussion with other students and faculty. Prerequisite: NURS 637, NURS 654

5.000 Credit hours

Schedule Types: Lecture

Graduate School Division

Nursing Department

NURS 674 - ANESTHESIA NURS PRACTICUM IV

This course is designed to allow the SRNA to further incorporate previous lectures and clinical experience to provide anesthesia to the entire spectrum of patients at an independent level. Student will provide anesthesia under the supervision of a Certified Registered Nurse Anesthetist or anesthesiologist. Students will provide a pre-operative assessment, develop an appropriate anesthesia care plan and provide a safe anesthetic with minimal input from their supervising anesthesia provider. Prerequisite: NURS 673

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division

Nursing Department

NURS 675 - ADV ANESTHESIA NSG SEMINAR II

This anesthesia course is the second of two designed to integrate the didactic curriculum with several semesters of clinical anesthesia practice. Student Registered Nurse Anesthetists (SRNAs) will review the practice of nurse anesthesia using current information and resources reflecting the standards of practice in the field of nurse anesthesia. Utilizing lecture and discussion students will synthesize and analyze complex didactic and advanced clinical knowledge in a case based approach.

Prerequisite/Corequisites: NRS 670, NURS 674

4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division

Nursing Department

NURS 676 - ANESTHESIA NSG PRACTICUM V

This course is the final clinical practicum of the program. It is designed to provide the student anesthetist a final opportunity to strengthen clinical skills and incorporate current anesthesia practices into their practice. Students will practice under the direct supervision of a Certified Registered Nurse Anesthetist or anesthesiologist at an independent level. Students will assess patients, develop care plans and provide anesthesia for all types of cases with minimal input from the supervising anesthesia provider. The clinical conference is designed to allow the SRNA to meet with their peers and faculty to discuss recent cases, problems and solutions. Students in their final practicum are expected to assist lower level students to find solutions to their clinical problems. Prerequisite: NRS 670, NURS 674

5.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 677 - CLINICAL RESEARCH DESIGN

Introduces students to the field of clinical research. Types and phases of clinical research, consideration of sampling, study goals including primary and secondary endpoints, protocols, design elements, ethical principles, consideration of alternative therapies, biotechnology, social science interventions and regulatory requirements. Students will participate in evaluating study design criteria and critically assessing implications for clinical trial organization, legal and regulatory compliance, and establishment of responsibilities and a collaborative environment for clinical research study personnel. Prerequisite: NURS 701
3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 678 - SPEC PROB COMMUNITY HEALTH

Provides alternative learning experiences: independent study, development of special clinical competencies, classes focusing on a variety of special interest topics or topics of an interdepartmental nature within the broad category of community/public health nursing. Students may register for varying amounts of credit, ranging from one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours
1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 679 - ADV PRACT/CNS IN HEALTH CARE

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 680 - CURRICULUM DEV IN NURSING

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 681 - CLINICAL RESEARCH MANAGEMENT

Administrative components of clinical research including legal and regulatory issues, contract negotiation, financial planning, budgeting and management in consideration of study design and organization that involves issues such as cash flow, payment structures, and economic evaluation will be examined. Project planning, data quality, information management and quality control will provide a practical foundation for the management of clinical research. The role of individuals involved in clinical research will be discussed and criteria for establishing successful studies will be identified. Prerequisites: Elements of Clinical Research, Implementation of Clinical Research.

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 682 - TEACHING IN NURSING PRAC

3.000 Credit hours
3.000 Lab hours

Schedule Types: [Lecture](#)

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 683 - PRAC FOR ADV CLIN PRACTICE

Supervised experience is provided by each clinical program to prepare the graduate student to function in advanced practice roles. Placement may be in community or home settings, chronic and long-term care facilities and critical care areas.

Prerequisites: NURS 621, NURS 622, NPHY 600. Concurrent: NURS 755.

4.000 Credit hours

4.000 Lab hours

Schedule Types: Lecture

School of Nursing Division

Organizational Syst & Adult Hlth Department

NURS 684 - CLIN RESEARCH IMPLEMENTATION

Standards for the conduct, performance, monitoring, auditing, recording, data collection and analyses and reporting of clinical research that provide the basis for establishing Good Clinical Practice (GCP) will be examined. This includes the management of culturally diverse clinical trials that may involve intra-national as well as international studies. Issues involved in informed consent, records maintenance and storage, management of drugs and devices and required investigator file contents provide a focus for study planning and operational procedures. Patient recruitment and retention methodologies will be detailed.

Students will gain experience in completing required Case Report Forms, managing data meeting HIPAA requirements and developing a recruitment campaign. Prerequisites/Corequisites: Elements of Clinical Research

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division

Nursing Department

NURS 685 - INSTRUCTIONAL STRATEGIES SKILL

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Educ Admin Hlth Pol & Informat Department

NURS 686 - PRIN PRAC CLIENTFAM TEACHING

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Educ Admin Hlth Pol & Informat Department

NURS 687 - COMP HEALTH ASST OLDER ADULT

1.000 Credit hours

Schedule Types: Lecture

School of Nursing Division

Nursing Department

NURS 688 - SPECIAL PROB NURSING EDUCATION

Develops further competencies in teaching through independent study. Students may register for one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Educ Admin Hlth Pol & Informat Department

NURS 689 - SPEC PROB CLINICAL SPECIALZ

Independent study in any area of clinical specialization. Students may register for varying amounts of credit ranging from one to three credits per semester with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours
1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 690 - MANAGERIAL HEALTH FINANCE

Focuses on the role and responsibility of the administrator in fiscal management of health care institutions in both the public and private sectors. Training is provided in resource management and accountability. Conceptual and practical issues related to health care economics, financial management and budget preparation are stressed. Prerequisite: NURS 606

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 691 - ORG THEORY APPL HEALTH SVC MGM

Serves as a foundation for other curriculum offerings in administration. The content is based upon social science theories and the administrative elements of planning, organizing, leading and evaluating, especially as these are evident in the organizational setting. Management principles are outlined and issues related to organizational behavior in the health care industry are discussed. A realistic focus is developed through the use of simulation, small group exercises, self-assessment instruments and audio-visual aids.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 692 - NURSING AND HEALTH SVC ADMIN

Focuses on professional and organizational dynamics of administration such as strategic planning, resource analysis, quality improvement, grievance and labor relations and prototypic technology that impact future health care systems. Case analysis is used to ensure analytical thinking and relevancy. Business planning is used to stimulate the thoughtful development and analysis of decisions designed to guide organizational futures. Prerequisite: NURS 691

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 693 - CLINICAL RESEARCH PRACTICUM

This capstone course prepares students for clinical research management positions. Exposes the student to clinical research management in a live research environment. Students work with a preceptor a minimum of 135 hours during the semester and attend a two-hour weekly seminar to integrate theory into practice. Pre-requisites: Elements of Clinical Research, Clinical Research Management; Co-requisites: Implementation of Clinical Research.

5.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 695 - PRACT HEALTH SERV LDRSHP MGMT

Emphasizes preparation for advanced or executive leadership and management responsibilities in a selected health care delivery system. Professional goals and learning needs are identified and personal and program objectives are negotiated with a preceptor and faculty to prepare for an executive nursing administration position. Students spend a minimum of 120 hours in the field agency and attend a two-hour seminar each week. This capstone course is designed for students with two or more years of formal nursing administration experience. Prerequisites: NURS 691, NURS 692

5.000 Credit hours
1.000 Lecture hours
3.000 Other hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 696 - MD HEALTH POLICY & NURSING

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 697 - NURSING AND HEALTH POLICY

Focuses on the analysis, formulation and implementation of health policy viewed from a historical perspective with an examination of selected current issues in nursing and health care. Attention is given to the role of nurses in influencing policy decisions and to socializing graduate nursing students to policy roles. The role of the nurse policy analyst is examined in depth, and nurses employed in this role are interviewed to determine how nursing background and experience contribute to their effective functioning in the health policy arena. Prerequisite: POSI 601 Concurrent: ECON 652 and POSI 603

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 698 - SPEC PROB NURSING ADMIN

Develops further competencies in the area of administration through independent study. Students may register for one to three credits per semester, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 699 - THEORY PRACT NURS HLTH POLICY

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 701 - SCI RES ADV NURSING PRACTICE

Focuses on the acquisition, evaluation and interpretation of information designed to link nursing theory and science as a foundation for advanced nursing practice. Working from a body of literature related to broad and middle range theoretical frameworks, the course includes active involvement in an ongoing program of research critique with emphasis on applications to and implications for nursing practice, consideration of the usefulness of selected theories and research for relevance to nursing practice and the development of beginning skills to undertake selected research activities.

4.000 Credit hours

4.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 704 - PROGRAM EVALUATION IN NURSING

Introduces various models and approaches available for the evaluation of nursing programs in both educational and service settings. Focuses on the components of various models, their relative strengths and weaknesses and their utility for the evaluation of nursing programs. Opportunities to assess program evaluation efforts in nursing are also provided. Prerequisite: permission of instructor.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 706 - INTRO TO NURSE MIDWIFERY

Provides theoretical and practical preparation to provide women with safe and effective nurse-midwifery care for common health problems. Applies the nurse-midwifery management process and model, which incorporates current theories, evidence-based research and clinical experiences relevant to nurse-midwifery, to the provision of primary care to women. Focuses on advanced health assessment techniques used by nurse-midwives in the management of common health problems and the role of the nurse-midwife as a provider of primary health care. Prerequisite: NURS 605

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 707 - EVIDENCE BASED MENTAL HEALTH

This course introduces students to the unique challenges of maintaining an evidence-based nursing practice (EBP) in mental health nursing. It provides the student with advanced concepts and skills for developing and maintaining self-directed lifelong learning habits so that current knowledge in the discipline is maintained. During six two-hour sessions and one 3-hour session, students will use independent and collaborative learning techniques to develop these skills.

1.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 708 - SPEC PRO NURSING RESEARCH

Develops further research competencies through independent study. Registration upon permission of instructor. Variable amounts of credit, ranging from one to three per semester may be taken, with a maximum of six credits per degree.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 709 - MANAGED CARE SERVICES

Provides an analysis of the health care environment relative to managed care. Evaluates patient service models, techniques for resource identification and acquisition, and methods to standardize and evaluate care. Provides a frame of reference for understanding case management from an organizational and administrative process perspective. Prerequisite: NURS 691

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 710 - HEALTH SUPV WELL CHILD I

Provides the beginning preparation to assume the role of primary care provider for children 0-10 years of age. Provides an in-depth analysis of theories and behaviors relevant to health promotion and the advanced practice role. Normal growth and development is emphasized. The role of the advanced practice nurse as an educator is highlighted. Prerequisite: NURS 611

3.000 Credit hours

2.000 Lecture hours

1.000 Other hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 711 - HEALTH SUPV WELL CHILD II

Provides the beginning preparation to assume the role of a primary care provider for adolescents. Normal growth and development are emphasized. The role of the advanced practice nurse as a collaborator and researcher is highlighted.

Prerequisite: NURS 710

3.000 Credit hours

2.000 Lecture hours

1.000 Other hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 713 - COMMON HLTH PROB CHILDREN I

Focuses on selected health problems of children frequently encountered in ambulatory settings and the underlying alterations in health equilibrium. Emphasis is placed on problem identification, application of appropriate regulatory processes and evaluation of the effectiveness of intervention. Prerequisite: NURS 611

3.000 Credit hours

2.000 Lecture hours

1.000 Other hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 714 - COMMON HLTH PROB CHILDREN II

Focuses on selected health care problems of children and the underlying alterations in health equilibrium. The problems considered are of a more complex nature than those studied in NURS 713 and more prevalent in older children and adolescents. Problem identification, application of appropriate regulatory processes and evaluation of the effectiveness of intervention are emphasized. Prerequisite: NURS 713

3.000 Credit hours

2.000 Lecture hours

1.000 Other hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 715 - ADVANCED PRIMARY CARE CHILDREN

Designed to integrate and synthesize the material from all previous coursework and new concepts relevant to the pediatric nurse practitioner in primary care. Clinical experiences require the assumption of a more independent role in assessing and managing the health care of children from birth to adolescence as part of a multidisciplinary health care team. Prerequisites: NURS 711, NURS 714

5.000 Credit hours

2.000 Lecture hours

3.000 Other hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 716 - DIAG MGMT ADULT PRIMRY CARE II

Focuses on the skills necessary to diagnose and manage the complex health care needs of adults in primary care settings. Diagnostic reasoning skills in clinical decisionmaking are refined. Specific attention is paid to role issues relative to primary care nurse practitioners.

4.000 Credit hours

4.000 Lecture hours

4.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

NURS 717 - CLINICAL PRAC PRIMARY CARE II

Provides the opportunity to function as an adult nurse practitioner in primary care settings with adults who have complex health problems. Synthesizes and integrates previously learned concepts to promote the health of adults and develop more independent diagnosis and management of patients with multisystem problems.

3.000 OR 5.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 718 - WOMEN'S HEALTH ADV PRAC

Provides the opportunity to provide care to women with complex health problems across the life span. Focuses on implementing advanced practice concepts for nursing care, theoretical models and nursing role for the advanced practice women's health nurse practitioner in a variety of settings, including high-risk perinatal centers, ambulatory women's health centers, home care settings or schoolbased centers.

2.000 TO 6.000 Credit hours

2.000 TO 6.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 719 - CLINICAL ASPECTS OF DRUG ABUSE

Emphasizes information on commonly misused and abused psychoactive drugs, the genesis of addiction, the clinical expression of addiction and the use of various types of intervention, therapies and supports. A one credit clinical practicum is designed to enhance the care of patients who misuse or are addicted to alcohol, tobacco and other drugs.

3.000 Credit hours

2.000 Lecture hours

1.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 721 - CELL BIOLOGY TUTORIAL I

1.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 722 - CELL BIOLOGY TUTORIAL II

1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 723 - CLINICAL PHARMACOLOGY/THERAPEU

Provides advanced knowledge of commonly prescribed pharmacologic agents. Rationales for the use of pharmacologic agents in the treatment of selected health problems are presented. Clinical considerations for drug selection and initiation, maintenance and discontinuation of drug treatment are examined. Legal requirements and implications for pharmacotherapy are reviewed.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 724 - SPECIAL PROBLEMS

Provides the opportunity to study a topic of interest within nursing and includes classes on a variety of special interest topics of an interdepartmental nature.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Behavioral & Community Health Department

NURS 726 - DIAG MNGT COMPLEX ACUTE CARE

Provides the advanced knowledge and skills necessary to function as an acute care practitioner. Promotes refinement of skills in assessment, diagnostic reasoning and clinical decision-making, and development as well as implementation of nursing interventions for critically ill patients. Analyzes the emerging role of the acute care nurse practitioner within the legal constraints of the health care delivery system. Examines the theoretical and empirical basis for diagnosing and managing adult patients with complex acute care problems. Clinical experiences focus on collaborative care of adult patients with complex health problems. Prerequisite: NURS 647

4.000 Credit hours

2.000 Lecture hours

2.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

NURS 727 - ADVANCED ACUTE CARE MGMT

Emphasizes increased independence in the assessment, diagnosis and management of acutely ill adults with multisystem problems. Clinical experiences and seminar sessions are designed to assist in the integration and synthesis of previously learned concepts in managing acutely ill adults across the continuum of acute care. Emphasis is on increased independence and decision-making in an interprofessional environment. Clinical and professional practice issues are explored. Prerequisites: NURS 726

4.000 Credit hours
3.000 Lecture hours
1.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 728 - LEGAL & REGULATORY ISSUES

Presents an overview of the legislative, regulatory and judicial systems of national and state governments as sources of health care law. Selected court decisions that include nursing malpractice, patients' rights, informed consent, termination of treatment and assisted suicide are discussed. Class time will be allocated to research laws affecting health care providers in the Annotated Code of Maryland and the Code of Maryland Regulations. Students meet with representatives to the Maryland General Assembly and attend a legislative hearing. Variable credit: 2 credit seminar, 1 credit special project.

2.000 TO 3.000 Credit hours
2.000 TO 3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 729 - ESSENTIALS OF MANAGED CARE

Provides an overview of concepts and principles fundamental to understanding a system dominated by managed care. The health care environment, pertinent organizational structures, financing arrangements, disease management strategies and accreditation mechanisms are examined. Emphasizes nursing implications, public policy reform initiatives and ethical dilemmas. Variable credit: 2 credit seminar, 1 credit special project.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 730 - ENVIRONMENTAL HEALTH I

Provides an overview of environmental areas for study, emerging environmental issues, major health hazards and identification of responsibilities for advanced practice nurses and other health professionals. Reviews the history of environmental health legislation and regulatory agencies. Uses a framework for analyzing major environmental health issues to explore how the environment can influence health. Recognition of the need for interdisciplinary teamwork in assessment, diagnosis and community-wide or population-based health promotion/disease prevention interventions is highlighted.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Behavioral & Community Health Department

NURS 731 - INT MGT PRIM HLTH PROB

Emphasizes the multi-faceted implications of the role of the advanced practice nurse. Provides the forum for addressing role issues encountered in primary care settings, comparing clinical experiences, implementing marketing strategies and clarifying professional licensure/certification/ practice requirements. Integrates the management of acute and chronic health care problems. Prerequisites: NURS 605, NURS 610, NURS 630, NURS 631, NURS 632, NURS 633, NURS 640, NURS 644, NURS 660, NURS 723. Concurrent: NURS 741.

2.000 Credit hours
2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 732 - PROGRAM PLANNING AND EVAL

Focuses on the systematic inquiry of the foundations of advanced community/public health program planning and evaluation. Emphasis on the assessment, planning and evaluation of population/community focused health promotion/ disease prevention programs and projects. Prerequisites: NURS 622, NURS 701, or Co-requisites: NURS 762, NURS 671 and permission of the faculty.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 733 - LEADERSHIP COMM PH NURSING

Focuses on integration and application of principles of leadership, management, program planning, implementation and evaluation in population-based efforts to provide affordable quality care. Special emphasis is placed on the practical skills needed for the community/public health nurse to succeed as a leader and manager in the current domestic and international health care environments. Prerequisites: NURS 671, NURS 732, NURS733, NURS 671, NURS 762, Co-requisite: NURS 753
4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 734 - ADV DIAG MGMT OF OLDER ADULTS

Develops the ability to assess, diagnose and treat the older adult in a variety of settings. Focuses on more independent diagnosis and management of patients with complex or multiple problems. This course consists of parallel clinical experience and seminar sessions that are designed to assist in integrating and synthesizing previously learned concepts in the care of the older adult in long-term care and ambulatory-care settings. Prerequisites: NURS 605, NURS 625, NURS 634, NURS 723, NURS 636, NPHY 612 and NPHY 614.

7.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

NURS 735 - APPLIED TOXICOLOGY

Surveys the principles of toxicology that pertain to human health and the environment. Includes the historical background of toxicology; principles of absorption, distribution, metabolism and elimination; effects of toxic agents, food additives and pollutants with effects on general and susceptible populations; comparative effects on other animal populations; risk communication and the integration of these principles into public health practice. Provides knowledge and working insight into toxic environmental hazards that can affect the diverse human populations that are served by community health nurses and other public health professionals. Uses an interdisciplinary approach to meet course objectives.

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 736 - INFO TECH NURSING HEALTH CARE

This introductory course in nursing informatics is designed to foster the attainment of the knowledge, skills and abilities essential for beginning a successful career as a nursing administrator, educator, or expert clinician in an information technology enabled health care environment. The organizing framework develops themes of social context, technology, information, nursing and healthcare. Emphasis is given to the nursing application of information technology. Components of computer technology are identified and defined, and their functions analyzed. Clinical, administrative, and educational computer applications are analyzed. Resources that can assist the nurse and health care professional learn more about computers in health care are discussed. The social, ethical, and legal issues associated with information technology enabled health care delivery systems are analyzed. Learning activities include using word processing, databases management, and spreadsheets are nursing tools; identifying bibliographic resources through on-line computer searching; evaluating computer software; and analyzing principles of automated administrative systems to propose solutions for existing concerns in nursing.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 737 - CONCEPTS OF NURSING INFORMATI

Emphasizes the skills of information technology applications and the principles and practices of nursing and health care informatics. Utilizes the organizing framework introduced in NURS 736 and incorporates themes of social context, technology, information and nursing and health care. Explores system selection, implementation, research and evaluation. Considers organizational theories in relation to information system planning, implementation and evaluation. Examines the analysis of health care data and its language, the management of ongoing information systems for health care and the use of technology standards in system development. Analyzes the impact of information systems on health provider roles and on emerging information technology roles. Learning activities include development of an RFP for an appropriate information system to meet identified health care needs, planning the implementation of an information system and identifying the impact of select trends on the design of health care information systems. Prerequisites: NURS 691 and NURS 736

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Educ Admin Hlth Pol & Informat Department

NURS 738 - PRAC IN NURSING INFORMATICS

Involves precepted practicum experiences in selected agencies/corporations (health care agencies, vendor corporations or consulting firms) that reinforce and enhance the skills needed to analyze, select, develop, implement and evaluate information systems that impact nursing and health care. Emphasizes experience in project management, consultation, user interface, systems design, evaluation of system and role effectiveness and application of research skills. An average of eight hours a week (96 hours total) is spent in the practicum experiences. A twohour interactive seminar held every other week provides the opportunity to share practicum experiences and receive feedback in analyzing activities. Prerequisites: NURS 691, NURS 736, NURS 737

3.000 Credit hours

1.000 Lecture hours

2.000 Other hours

Schedule Types: Clinical

School of Nursing Division

Organizational Syst & Adult Hlth Department

NURS 740 - ADV PRAC PSYCH NURS INTERNSHIP

This capstone course is designed to provide the student with opportunities to synthesize learning experiences in psychiatric nursing. Under the guidance of a qualified preceptor, the student will enact the advanced practice psychiatric clinical specialist or psychiatric nurse practitioner role, applying theoretical and experiential knowledge from all previous course work. The clinical practice requirements are based on the expected competencies for the advanced practice nurse in psychiatric mental health nursing as outlined by the American Nurses Association (2006) and the National Organization of Nurse Practitioner faculties (2003). Clinical conference sessions are designed to assist problem-solving framework, to determine optimal psychiatric mental health care for individuals, families, groups and special populations. Prerequisites: NURS 605, NURS 667, NURS 751, NURS 752 and at least one psychotherapy course. Students needing to take any of these courses as co-requisites should check with their advisor.

4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division

Nursing Department

NURS 741 - PRAC INT MGT PRIM HLTH PROB

Focuses on preparing family nurse practitioner students to function independently at a beginning level of practice in a variety of primary care settings. Individualized practice with designated preceptor(s) provides the integrative clinical experiences necessary to refine specialized knowledge and skills in family practice and selected primary care settings. Prerequisites: NURS 605, NURS 610, NURS 630, NURS 631, NURS 632, NURS 633, NURS 640, NURS 644, NURS 660, NURS 723. Concurrent: NURS 731.

7.000 Credit hours

Schedule Types: Clinical, Lecture

School of Nursing Division

Child, Women's & Family Health Department

NURS 742 - PRIM CARE OF HIGH-RISK NEONATE

Provides the skills necessary to provide primary health care to high-risk infants in the home and at follow-up clinics. Course material includes detailed physical assessment skills of the infant through the first year of life. The clinical component includes preparation for discharge, community resources, home visits and experience in the ambulatory setting. Small group clinical seminars focus on critical analysis of primary health care issues for the highrisk infant in the home and follow-up clinic. Through clinical practice, advanced clinical skill in the assessment, intervention and management of the high-risk infant after discharge from the acute care setting through the first year of life is demonstrated. Prerequisites: NURS 639, NURS 649, NURS 743.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 743 - NEONATAL PED PHARMACOLOGY

Focuses on providing in-depth knowledge of commonly prescribed pharmacological agents used in the care of healthy and high-risk neonates, children and adolescents. Rationales for the use of the various pharmacological agents in the treatment of selected health problems are also presented. Clinical considerations in drug selection, as well as initiation, maintenance and discontinuation of pharmacotherapy are examined. Legal requirements and implications for pharmacotherapy are reviewed.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 744 - RESEARCH SEMINAR ENVIR HEALTH

This interdisciplinary research seminar will focus on the critique of environmental health studies with a special emphasis on understanding the challenges involving exposure assessment, defining and measuring health outcomes, and methods of participatory research. Students will begin to formulate research questions to examine the practice of nursing and other disciplines within the context of environmental health.

1.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 748 - ADV NURS HIGH-RISK NEONATE II

Continues the development of the role of the advanced practice nurse in the management of normal and highrisk families and infants. Focuses on the continued development of the knowledge, skills and attitudes needed for expert physical and psychosocial assessment of high-risk neonates and their families. Special emphasis is placed on conditions and situations common to the neonate experiencing complications. Focuses on the acquisition of the psychomotor skills required for the care of high-risk neonates. Prerequisites: NURS 639, NURS 649, NURS 743.

1.000 TO 7.000 Credit hours
1.000 TO 7.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 749 - ADV NURS HIGH-RISK NEONATE III

Focuses on continuing to manage care of the high-risk neonate with an emphasis on developing collaborative relationships with other members of the health care team in a clinical setting. Continuing discussion of the advanced practice role is also completed in this course. With completion of this course and NURS 742, all requirements specified by the National Certification Corporation (NCC) for the certification examination as a neonatal nurse practitioner are met. Prerequisites: NURS 639, NURS 649, NURS 743.

1.000 TO 6.000 Credit hours
1.000 TO 6.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 750 - INTERDISC SEMINAR ENVIR HEALTH

This interdisciplinary course will introduce students to various roles that occupational and environmental medicine physicians, occupational health nurses, environmental health nurses, industrial hygienists, toxicologists, and environmental health epidemiologists, attorneys, and journalists play in promoting environmental health. Students from these various disciplines will work together on case studies in environmental health designed to demonstrate the interdependent activities of all disciplines in effectively promoting the environmental health of a community. Prerequisites: NURS 730 and NURS 735 or permission of the instructor.

1.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 751 - PSYCHOPHARMACOLOGY

Provides advanced knowledge of commonly prescribed psychopharmacologic agents. Pathophysiologic theories of the etiology of psychiatric disorders are reviewed. Rationales for the use of specific pharmacologic agents in the treatment of selected disorders across the life span are addressed. Examines distinguishing characteristics of various psychotropic medications and clinical considerations in the selection, initiation, maintenance and discontinuation of drug treatment. Legal, ethical and cultural implications of pharmacotherapy are also critically reviewed. Prerequisite: NURS 667. Concurrent: NURS 752.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Behavioral & Community Health Department

NURS 752 - NEUROPHYSIOLOGY MENTAL DISORDER

Introduces the neurobiological aspects of psychiatric disorders. Builds from a review of basic neuroscience, including neuroanatomy, neurophysiology and psychoneuroimmunology, to a study of selected functional systems of the brain. Current neurobiological research on selected psychiatric disorders is described. The fundamentals of neuroimaging, EEG and other neurodiagnostic approaches are discussed.

2.000 Credit hours
2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 753 - PRAC LDRSHP PUB HLTH NURS

Provides an opportunity to synthesize and apply knowledge acquired in nursing core and community health courses during this 150-hour capstone clinical course. Provides an opportunity to develop leadership skills. Involves a precepted clinical public health nursing leadership placement, an analysis of leadership experience and the completion of a project. Projects may involve developing a new program initiative, planning for change in an organization's activities, evaluating an activity, analyzing a leadership or policy issue, analyzing and evaluating health promotion/disease prevention outcomes or participating in a community development initiative. Seminars related to clinical experience are held every other week for two hours.

Prerequisites: NURS 671, NURS 701, NURS 732, NURS 761, NURS 762, co-requisite: NURS 733
4.000 Credit hours
4.000 Lab hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 754 - PSYCHOPHARM CHILD & ADOL

Provides the opportunity for case study discussion on the use of psychopharmacologic agents with children and adolescents, using applied practicum cases at an advanced level. Emphasis is placed on integration of theory and practice and in-depth examination of the modifications in psychotropic drugs required for children and adolescents. Current research, ethical and legal issues surrounding the use of psychopharmacology with children is emphasized. Prerequisites: NURS 661, NURS 667.

Prerequisites or concurrent: NURS 751, NURS 752.
1.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 755 - FAMILIES IN CRISIS

Introduces the systems theory orientation for understanding human functioning within a family system, with an application of this orientation to personal, patient/family and health care delivery systems. The family is the unit of study, with systems theory analyzed and applied to clinical issues and situations in various health care settings (acute, chronic, inpatient, outpatient and long-term care facilities). Clinical intervention with families and supervision are components of this course.

2.000 Credit hours
2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 757 - FAMILY SEMINAR II

1.000 Credit hours
1.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Family and Community Health Department

NURS 758 - PRAC IN FAMILY HEALTH I

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Clinical

School of Nursing Division
Child, Women's & Family Health Department

NURS 760 - AGING AND CINEMA

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 761 - POP AT RISK IN COMM PUB HEALTH

Focuses on the mission of public health and the various organizations that support the responsibilities of public health at the international, national and local levels. Processes and dynamics, such as family systems, support and risk communication, that influence public health and populations at risk are explored. A risk assessment analysis is used to select a population at risk. Factors that influence the effectiveness of health promotion/disease prevention programs and projects targeted to aggregates, families and populations are analyzed. Responsibilities of community/public health clinical nurse specialists are explored in relation to core public health functions: assessment, policy development and assurance. Prerequisite or corequisite: NURS 622

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 762 - PRACT PROG PLN AND EVAL

Focus is on the application of systematic inquiry of the foundations of advanced practice in community/public health program planning and evaluation. Emphasis is on the assessment, planning and evaluation of population/community focused health promotion/disease prevention programs and projects. Co-requisite: NURS 732 and license to practice nursing in State of selected nursing clinical site.

3.000 Credit hours
3.000 Lab hours

Schedule Types: Lecture

School of Nursing Division
Behavioral & Community Health Department

NURS 763 - ENVIRN HEALTH NSG PRACTICUM

4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 764 - ADVANCED ENVIRONMENTAL HEALTH

3.000 Credit hours

Schedule Types: Lecture

Graduate School Division
Nursing Department

NURS 767 - LEADERSHIP FOR MAGNET STATUS

The Magnet Recognition Program, administered by the American Nurses Credentialing Center (ANCC), is designed to recognize acute care nursing services that have achieved high levels of excellence in the provision of nursing services and demonstrate the ability to attract and retain professional registered nurses. Designation as a Magnet Hospital is the highest level of recognition that ANCC can accord to an organized nursing service. This course critically examines the history, structure, procedures and processes of the Magnet Recognition Program. Particular attention is given to the methodology used to evaluate applicant agencies and the nursing research base related to the Magnet phenomenon is explored.

3.000 Credit hours

Schedule Types: Lecture

Graduate School Division
Nursing Department

NURS 768 - CLIN PRAC ADULT ACROSS LIFESPA

5.000 Credit hours

Schedule Types: Lecture

Graduate School Division
Nursing Department

NURS 769 - SOCIETY HEALTH & SOC JUSTICE

This course examines social, cultural, and political-economic determinants of health from sociological and social epidemiological perspectives. The concept of social justice is used as a conceptual framework to investigate population health inequities that exist in social class, race, ethnic and gender groups in the United States. The course addresses the central question: ¿How does the structure of the society influence the health and illness experience of its population?¿ The course examines what a society is, how it works, and what the pathways are through which social forces differentially impact class, race, and gender groups. The course will focus on specific mesosocial contexts, such as the workplace, the community and the physical environment, which are particularly important in transmitting macrosocietal forces to the individual. The process of globalization and the role of social movements in shaping public health will also be discussed. The course concludes by examining innovations in health policy and practice that are currently emerging in an effort to address the adverse health impact of inequitable social environments. Prerequisites: None for masters or doctoral level students, permission of instructor for undergraduate students.

3.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 771 - ANTEPARTUM MIDWIFERY

Provides theoretical and practical preparation to provide women with safe and effective nurse-midwifery care during an essentially normal pregnancy. Applies the nurse-midwifery management process and model, which incorporates current theories and evidence-based research and clinical experience relevant to nurse-midwifery, to the provision of care to healthy women and women at risk. Focuses on health promotion, addresses risk assessment of deviations from normal in pregnancy and addresses collaboration with other health professionals.

4.000 Credit hours

4.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 774 - INTERCULTURAL NURSING II

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Behavioral & Community Health Department

NURS 775 - HOME HEALTH CARE NURSING

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Family and Community Health Department

NURS 777 - DIAGNOSIS MGMT ADULTS

4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 778 - GYNECOLOGICAL MIDWIFERY

Provides theoretical and practical preparation to provide safe and effective nurse-midwifery care to essentially healthy non-pregnant women throughout the life-span. Applies the nurse-midwifery management process and model, which incorporates current theories, evidencedbased research and clinical experiences relevant to nurse-midwifery, to the provision of care to healthy women and to women at risk who seek gynecologic care including family planning, preconception counseling, late postpartum care, perimenopausal and menopausal care and care for sexually transmitted diseases and reproductive tract infections. Emphasizes health promotion, appropriate screening, cultural sensitivity and family-centered care. Prerequisite or concurrent: NURS 605

4.000 Credit hours

4.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 779 - INTRAPARTUM MIDWIFERY

4.000 Credit hours

4.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Child, Women's & Family Health Department

NURS 780 - MIDWIFERY PROFESSIONAL ROLES

Provides theoretical and practical analyses of the professional role of the certified nurse-midwife. Addresses the history of nurse-midwifery, components of the nurse-midwifery role, the administrative and economic issues of nurse-midwifery practice, legislative and regulatory issues, collaboration with other professions and legal and ethical issues in nurse-midwifery practice. Prerequisites: NPHY 608, NURS 605, NURS 706, NURS 723, NURS 771, NURS 778, NURS 779. Concurrent: NURS 782.

1.000 Credit hours

1.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 781 - ADV ASSMT COMPUTER-ASST INSTR

Explores the psychological underpinnings of computer-assisted instruction and challenges the participants to apply those theories in the development of working products. Introduces several software authoring products available on the market (e.g., Authorware, Toolbook, Hyper-Card), and focuses on Hyper Text Markup Language (HTML), the language that forms the basis of the phenomenon known as the World Wide Web. Media-rich interactive programs in HTML are produced and made available on the World Wide Web. Prerequisite: NURS 685 or permission of instructor.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 782 - COMPLEX MIDWIFERY

Provides theoretical and practical preparation to provide safe and effective nurse-midwifery care to women and newborns who are at risk or require complex care. Applies the nurse-midwifery management process and model, which incorporates current theories, evidence-based research and clinical experiences relevant to nurse-midwifery, to the provision of care to women and newborns and to women during pregnancy, childbirth, the postpartum period and throughout the lifespan. Emphasizes an enhanced research-based knowledge of perinatal and gynecological complications, triage, risk assessment and collaborative practice. Prerequisites: NPHY 608, NURS 605, NURS 706, NURS 723, NURS 771, NURS 778, NURS 779. Concurrent: NURS 780.

7.000 Credit hours
7.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 783 - MIDWIFERY INTEGRATION

Concludes the theoretical and practical preparation to provide safe and effective nurse-midwifery care both to healthy women, with a focus on the childbearing years, and to healthy newborns, as well as to women and newborns who are at risk or in need of complex care. Focuses on the assumption of direct responsibility for the management or co-management, collaboration or referral as appropriate, of the patient's obstetrical and gynecological or neonatal care. Applies the nurse-midwifery management process and model, which incorporates current theories, evidence-based research and clinical experiences relevant to nurse-midwifery, to the provision of care. Applies the knowledge acquired during previous coursework and clinical practice in a collaborative, independent, comprehensive and safe manner with preceptors and faculty who serve primarily as resources to confirm or augment management plans. Prerequisites: NPHY 608, NURS 602, NURS 606, NURS 701, NURS 706, NURS 723, NURS 771, NURS 778, NURS 779, NURS 780, NURS 782.

8.000 Credit hours
8.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Family and Community Health Department

NURS 784 - INFO TECH PROJECT MANAGEMENT

Provides a managerial perspective to methodologies, procedures and politics for the execution of projects in the health care/information technology marketplace. Examines how projects can be managed from start to finish, including specific emphasis on planning, controlling and risk management to avoid common pitfalls. Topics include essential project management concepts, needs identification requirements planning, project costing, scheduling, resource allocation, project politics, roles, responsibilities and communications, vendor management, work management and what to do when challenges arise. Based on a model for health care informatics practice, and emphasizes learning to plan, organize, direct and control information technology projects.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 785 - HEALTH CARE DATABASE SYSTEMS

Addresses how data are captured, stored, structured, processed and retrieved in automated systems. Relevant examples and practical applications of database design, construction, implementation and maintenance within a health care context are studied. Central topics include database design, data structures and modeling, development of database management systems, manipulation of data within a database using query language, database security and using databases to address problems in health care settings. Prerequisites: none; IFSM 636 recommended.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 786 - SYS ANALYSIS & DESGN HLTHCARE

Provides an understanding of the most common tools, techniques and theories currently used in systems design and analysis. Studies the process of information systems development in which technical, organizational and human aspects of systems are analyzed and changed with the goal of creating an improved system. Emphasizes that, in spite of the advanced technology surrounding computer-based information systems, the process of systems analysis and design largely remains an art, dependent on the skills of individual analysts and designers, based on established principles, methods and tools.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

Graduate School Division
Organizational Syst & Adult Hlth Department

NURS 787 - THEORY TEACHING AND LEARNING

This course will provide a foundation in theory and application of essential knowledge for education in a variety of settings. Content includes the teaching/learning process, the learning environment, organizational standards theories of learning and organization of teaching and learning.

2.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 788 - COMPLEX CLIN PRACT ADULTS

4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 789 - ADV DIAGNOSIS MGMT ADULTS

4.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 791 - STRATEGY & ASSESSMENT LEARN

This course prepares the student to select and gain skill in using instructional strategies appropriate to the learning style of adults and to the topic to be taught, and to make those choices on the basis of an understanding of the behavioral and physiological processes of learning. The course includes both didactic and experiential microteaching experiences and provides a strong linkage to techniques for evaluating the impact of various instructional strategies on learning. A full range of educational technology and simulation technology will be employed in learning experiences. Theory and practice of the assessment of learning as applied in diverse settings in health care are addressed. Attention is given to basic measurement principles of reliability and validity, test construction, assessing skill acquisition and competence, and interpreting results from measures. Prerequisite or Co-requisite: NURS 787

4.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 792 - PRACTICUM IN TEACHING

Theoretical knowledge and skills acquired in pre-requisite courses will be applied in a practicum of teaching experiences (average of 9 hours/week) that is precepted by a master teacher. Individual aspects of the practicum will be negotiated between the student and faculty in a learning contract. Synthesis of aspects of role development activities in this course as well as aspects of course/program evaluation will be accomplished in a regularly scheduled seminar. Prerequisite: NURS 791

3.000 Credit hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 793 - ORGANIZATIONAL TRANSFORMATION

Focuses on organizational evaluation and strategic redesign of health care systems. Issues creating an impetus for organizational change are examined. Theories and models of traditional organizational structure and of creative and collaborative redesign are discussed. Prerequisites: NURS 691 and NURS 692 or permission of instructor.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 794 - ADV CLIN PRACT ADULTS

5.000 Credit hours

Schedule Types: Lecture

School of Nursing Division

Nursing Department

NURS 795 - CLIN SYNDROME MGMT OLDER ADULT

2.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 797 - POLICY POLITICS NSG HLTH CARE

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 801 - CONCEPTUAL BASIS FOR NURSING

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 803 - CONCEPTUALIZATION NURS SYSTEMS

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 804 - ANALYSIS OF NURSING ACTION

4.000 Credit hours

4.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 806 - SEMINAR IN NURSING SCIENCE

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 808 - SPEC PROBLEMS NURSING SCIENCE

Provides the opportunity to study a topic of interest within nursing science under a faculty member's guidance. Specific objectives and requirements are determined by contractual agreement prior to registration. Can be repeated up to a maximum of six credits.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Educ Admin Hlth Pol & Informat Department

NURS 811 - MEAS OF NURSING PHENOMENA

Presents the theoretical basis of measurement as a foundation for the development and evaluation of measurement tools used in nursing research. Types of measures, techniques of construction, the statistical analysis of reliability and validity, strengths and limitations for use of selected measures in nursing research are presented. Nursing research studies are evaluated relative to measurement theory. Tools and procedures, including those used to measure affective, cognitive, behavioral and physiological aspects of selected concepts, are evaluated. Prerequisites: NURS 840, NURS 841, NURS 851, NURS 852, NURS 853 and pass preliminary examination; concurrent enrollment in NURS 816 recommended.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 812 - SEMINAR IN NURSING MEASUREMENT

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 814 - DESIGN NURSING RESEARCH II

2.000 Credit hours

2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 815 - QUALITATIVE RESEARCH METHODS

Provides an overview to promote understanding of the qualitative paradigm and research methodologies as viable alternatives or supplements to quantitative approaches. Emphases include research design; data collection, analysis, interpretation and evaluation; and ethics and cross-cultural issues. Prepares competent consumers of reports of qualitative studies and promotes awareness of opportunities for and contributions to qualitative inquiry.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 816 - MULTIVARIATE ONLY HEALTHCARE

Introduces multivariate procedures most useful in health care research, including multiple regression, multivariate analysis of variance, principal components analysis, factor analysis and discriminate analysis. Computer programs are used in data analysis from actual research situations. Prerequisites: completion of NURS 840, NURS 841, NURS 850, NURS 851, NURS 852, NURS 853 and pass preliminary examination.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Nursing Department

NURS 817 - ANALYSIS LONGITUDINAL RESEARCH

Designs in which multiple observations of one or more variables made on a single person or unit (repeated measures designs) or subjects are followed for a long period of time are of particular importance in nursing and health care research. The course will examine several of the more commonly used longitudinal analyses, including ANOVA, linear mixed models, and survival analysis. Designs involving repeated measures on more than one dependent variable, fixed and random effects, and time to event will be considered. Emphasis will be placed on selecting the appropriate design, statistical procedure, and computer program for addressing a given research problem. Small research exercises requiring both computation and interpretation will be assigned in order to promote desired learning. Prerequisites: NURS 816

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 818 - SPEC TOPICS NURSING RESEARCH

Research Practica are designed as independently arranged research experiences in which the student actively engages in research activities under the mentorship of a faculty member. These activities are negotiated between student and faculty and relate to either an aspect of the faculty member's research related to the student's research area, or the student's research area. Six credits of research practica experiences, again using the 3-hours/credit/week formulas, are required with at least three of these being with the student's Research Advisor. Prerequisite: Completion of 5 credits of NURS 819.

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 819 - RESEARCH ROTATION

Introduces the active research programs in the School of Nursing with application of various research methodologies to specific research projects. Applies research principles learned previously in each rotation. In the 2 or 3 credit options, 6 or 9 hours per week are spent in one research program and in the 5-credit option 15 hours per week are spent in each of two successive seven-week sessions in two research programs. During each session, objectives are defined with the faculty researcher and work is completed on a component of the faculty researcher's project. Activities include literature review, measurement, data collection, statistical analysis, and manuscript preparation or proposal development. Prerequisite or Concurrent: NURS 850 or NURS 851 and 852 or NURS 853. Note: Course may be repeated for a total of 10 credits. At the discretion of the Assistant Dean of the Doctoral Program, one repetition after the first 5 credits may consist of one 14-week session of 15 hours per week. Research rotations in each repetition must be different from those previously taken.

2.000 TO 5.000 Credit hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

NURS 820 - META-ANALYSIS

Introduces the issues in and methodology for the quantitative synthesis of research literature. Includes a practical overview of meta-analysis methods for synthesizing and exploring variations in quantitative indices of study outcomes.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 826 - STRUCTURAL MODELING IN HLTH

Provides an introduction to the construction and estimation of structural models in the context of health care research. Topics include confirmatory factor analysis, path analysis and causal modeling. Emphasis is on the estimation of models with latent variables, interpretation of causal effects and the application of these models in health care research. Prerequisite: NURS 816 or permission of instructor.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 828 - ISSUES NURS SCHOLARSHIP

Identifies and analyzes professional issues confronting the nurse scholar. Issues including research priorities, options in career patterns, ethics and politics of science, protection of human subjects, grants, publishing and presenting research are presented and discussed and appropriate applications to the role of nurse-scholar are made. When appropriate, diverse perspectives will be presented. Students are expected to synthesize the material and identify the principles appropriate for their own career. Prerequisite: NURS 811.

2.000 TO 3.000 Credit hours

2.000 TO 3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Organizational Syst & Adult Hlth Department

NURS 830 - LARGE HEALTH CARE DATABASES

This course is designed to bridge the gap between nurses' need for information/data and the reality of finding the data, downloading, extracting, and building an effective personal database. Much of the class work will be conducted in the computer lab where students will explore public and private sources of health data that are available via the internet and on CD-ROM. Students will download data to the personal computer, import data into varied software applications, and build a personal database using software of their choice. Prerequisites: A basic knowledge of personal computers including the Windows environment, the use of a mouse, and basic file handling is expected. Knowledge of spreadsheets and databases is a plus. No knowledge of statistical software is needed, although highly desirable for doctoral students.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 832 - HEALTH SERVICE RESEARCH

This course is designed for doctoral students who are interested in examining outcomes research issues. The class content focuses on the conceptual and technical issues encountered in designing and executing these types of research studies. Assignments allow students to design a study in their area of interest, including the identification of potential problems and approaches to dealing with those problems. Prerequisites: NURS 850, NURS 851 and NURS 840 (Students are required to have had a course in theory development and research design. In addition, a basic knowledge of personal computers, data manipulation, and statistical software is expected.)

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 836 - DECISION MAKING NURS INFORMATI

Reflects the central role of decision science in utilizing nursing informatics to improve patient care. Analyzes selected decision science theories and relevant research that supports and directs the field of nursing informatics. Decision sciences include statistically based models of clinical judgment, information processing theory of clinical judgment and theories for knowledge and skill acquisition. Case simulations, protocol analysis, knowledge engineering, decision analysis models, grounded theory, neural networks and ways of knowing are evaluated for their usefulness to nursing informatics. Prerequisites: NURS 737, NURS 840, NURS 850 and NURS 851

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 837 - NURS INFORMATICS QUALITY OF CA

Addresses aggregate-level data analysis in the application of nursing informatics in describing, improving, measuring and delivering quality care. Employs a broad definition of systems and analyzes selected systems theories and relevant research, which supports and directs the field of nursing informatics and its use of available and emerging technology. Theories are applied to the study of systems to determine how their definitions and boundaries facilitate the application of quality of care models and enhance the access, quality and cost-effectiveness of care. A multidimensional model provides a framework for studying the direct and indirect effects of nursing informatics technology. Prerequisite: NURS 836.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 840 - PHIL SCIENCE & DEVELOP THEORY

Reviews the nature of knowledge and theory in the various scientific disciplines. Describe and analyzes the revolutions or paradigm shifts that have occurred in science. The struggle between many worldviews is discussed including empiricism, positivism, rationalism and the hypoductive model of science. After considering the ways of knowing (epistemology), selected worldviews and theories from a variety of disciplines are analyzed. Discusses strategies for developing nursing theories and introduces alternative metatheoretical approaches available for use in theory evaluation in nursing. Recommended: master's level nursing theory course.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 841 - THEORY & CONCEPT NURSG SCIENCE

Focuses on the nature of theory in scientific disciplines, nursing theory within the context of the philosophy of science and the evolution of nursing science and the application of conceptualization to the process and conduct of nursing research. Interrelationships between components, context and structure of modes of systematic inquiry, the conceptual basis of theory development and a variety of mid-range theories and their paradigms are analyzed. Contribution of these modes, concepts and theories (practice, mid-range, grand) to knowledge generation and theory development in nursing is critically evaluated in relation to nursing science and applied to the student's area of interest.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 850 - EXPERIMENTAL NURSG RES DESIGNS

This course focuses on the relationship between theory and design and selected experimental and quasi-experimental research designs. Threats to both the internal validity and the construct validity of research designs are explored as well as ways of minimizing them. Issues of bias, representativeness, and generalizability are discussed in relation to probability and nonprobability sampling. Prerequisite or concurrent: NURS 840. Concurrent: NURS 851.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 851 - ANAL OF EXPER RES DESIGNS

This course is designed to be taken concurrently with NURS 850 Experimental Nursing Research Designs and provides the theoretical and practical knowledge to conduct analyses of experimental data. The course focuses on: 1) the identification and uses of appropriate descriptive and inferential statistics; 2) the acquisition of data manipulation skills necessary to conduct experimental and interventional research; and 3) the development of analytical writing and data summary skills. Hypothesis testing with various levels of measurement, and inferential statistics will be examined. The relationships between design and analysis are revealed through the development of an analytical plan. The procedures for compiling data, developing a research file, and documenting the file are specified. Analytic techniques address descriptive statistics, measures of association, ANOVA, and simple regression. Prerequisite or concurrent: NURS 840. Concurrent: NURS 850.

3.000 Credit hours
2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 852 - NONEXPER NURS RESEARCH DESIGN

Focuses on non-experimental research designs, including descriptive, cross-sectional, survey, prospective, retrospective, exploratory and qualitative. Incorporates similar approaches including consideration of the validity of the designs as well as bias, sampling, rigor and application of non-experimental research design approaches to researchable nursing questions. Prerequisite or concurrent: NURS 840. Concurrent: NURS 853. Recommended: NURS 850, NURS 851.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Nursing Department

NURS 853 - ANALYSIS NONEXPER NURS RES

Focuses on analytical approaches used to design and conduct non-experimental research and approaches to data reduction and data summary common to non-experimental studies. Addresses analytical issues related to survey and qualitative research, including coding of open-ended questions, handling of missing data, weighing data and non-parametric testing. Reviews software used for data collection, data reduction and reporting. Prerequisite or concurrent: NURS 840. Concurrent: NURS 852. Recommended: NURS 850, NURS 851.

2.000 Credit hours
2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division

Nursing Department

NURS 881 - THEORY METH ISSUES ON COPING

Provides the student with an opportunity to develop a conceptual framework for viewing and investigating the process of coping. Through a survey and critical review of both historical and contemporary literature from multiple disciplines, an array of models of coping is examined and a prospectus for individual or group studies on coping with stress in health and disease is developed.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 882 - PHYSIOL CONCEPT CLARIFICATION

Explores clinical nursing problems and related concepts from a physiological perspective. Includes aspects of regulation, transmission and physiological measurement. Prerequisites: NPHY 600 or equivalent and NURS 840 or permission of instructor.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 883 - RES AND THEORY FAM HEALTH

Provides an opportunity to explore and evaluate theories used for the study of families within the nursing context. Nursing perspectives of the family over the family life cycle are considered. Emphasis is placed on analyzing theoretical and conceptual issues in nursing related to the family and to the design and implementation of family nursing research studies, measurement of family variables and analysis of family data.

3.000 Credit hours

3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Educ Admin Hlth Pol & Informat Department

NURS 891 - THEORY RESEARCH EDUCA ADM NSG

Addresses current theoretical perspectives and research regarding the practice of educational administration in nursing. Building upon knowledge of nursing and health care, organizational theory, policy analysis, educational administration and nursing education gained in prerequisite courses, selected issues and problems in higher education administration are explored. An optional practicum is available for additional credit through registration in NURS 897. Prerequisite: NURS 804 or permission of instructor.

2.000 Credit hours

2.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 898 - SPEC TOPICS NURSING SCIENCE

1.000 TO 6.000 Credit hours

1.000 TO 6.000 Lecture hours

Schedule Types: [Lecture](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

NURS 899 - DOCTORAL DISSERTATION RESEARCH

1.000 TO 12.000 Credit hours

1.000 TO 12.000 Lecture hours

Schedule Types: [Research](#)

School of Nursing Division
Organizational Syst & Adult Hlth Department

RNTC 321 - SCIENTIFIC CONCEPTS OF NURSING

Provides a framework for identifying describing and interpreting concepts, principles and facts related to the sciences of microbiology and anatomy and physiology. The course design incorporates introductory- level chemistry concepts related to the microbiology and physiology content areas. Open to RN's who graduated from associate degree or diploma programs more than seven years ago or who graduated from npn-NLN accredited out- of-state programs.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

RNTC 322 - SOCIAL SCIENCE/HUMANITIES CONC

Reflects concepts, work, skills and knowledge derived from the disciplines of anthropology, sociology, psychology, human development, social psychology and communication arts. Updates content from each of the following courses Oral communications, Introduction to Psychology, Human Growth and Development, Introduction to Sociology and general electives. Open to RN's who graduated from associate degree or diploma programs more than seven years ago or who graduated from non-NLN accredited out-of-state programs.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Organizational Syst & Adult Hlth Department

RNTC 323 - NURSING CONCEPTS

Provides an overview and update of the major concepts of adult medical/surgical nursing, maternal/child nursing, psychiatric/mental health nursing and issues that have contributed to the emergence of professional nursing. This course is designed specifically for the registered nurse. Open to RN's who graduated from associate degree or diploma programs more than seven years ago or who graduated from non-NLN accredited out-of-state programs.

3.000 Credit hours
3.000 Lecture hours

Schedule Types: Lecture

School of Nursing Division
Adult Health Nursing Department

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