

NURSING (NUR)

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GRADUATE STUDY IN NURSING

A program of graduate study in nursing is offered leading to the degree of Master of Science in Nursing (M.S.N.) A program of graduate study in nursing is also offered leading to the degree of Doctor of Nursing Practice (D.N.P.).

Emphasis is placed on preparing graduates with advanced role knowledge and practice competencies to meet the demands of a complex and dynamic health care environment.

Role options currently available to students are:

Advanced Practice Nurse (Clinical Nurse Specialist or Nurse Practitioner)

Clinical Nurse Leader

Clinical Systems Administrator

Advanced Public Health/Global health Nursing

Students selecting the nurse practitioner role may choose to do so in the areas of:

Adult (Primary, Acute Care, and Behavioral Health)

Pediatrics (Acute Care)

Family

Neonatal

Students selecting the clinical nurse specialist role may choose to do so in the areas of:

Adult Health

Pediatrics

Neonatal

The clinical systems administrator role option is designed to prepare nurses to assume ethical leadership roles in health care systems confronted by financial, political, and social changes.

The clinical nurse leader role option is an advanced generalist role and does not prepare the nurse for the role of advanced practice nurse.

The advanced public health/global health option is designed for nurses who want to pursue a career in advanced public health nursing. This program prepares nurses to assume leadership in assessing communities and population, identifying high risk groups, and developing culturally sensitive, acceptable and realistic community nursing services in partnership with various stakeholders.

The advanced practice nurse role also offers sub-specialty in Cardiology, Oncology, or Gerontology. Additional courses in curriculum, instruction, and educational evaluation are available to all students.

Graduate study in nursing integrates the best evidence from nursing and other disciplines; natural, social and political sciences, communication sciences and ethics. It is designed to assist the professional nurse to respond to challenges in nursing practice and in the health care system and assume ethical leadership in meeting quality, cost-effective outcomes by providing and managing innovative services to clients. Intensive study focuses on health promotion, prevention, restoration, maintenance; care management; and achievement of optimum outcomes for individuals, families, communities, populations, and systems across the continuum of care. The program affords opportunities for collaboration with others to address key aspects of resource utilization, outcome improvements and ethical decision making in the health care delivery system.

Faculty

Professors: B. Braden, M. Kunes-Connell, J. Lappe, J. Norris, W. Pinch;

Associate Professors: E. Furlong, E. Howell, A. Laughlin, L. Lazure, L. Miers, M. Parsons, R. Reed, N. Shirley, S. Tinley;

Assistant Professors: A. Abbott, C. Costanzo, M. Foyt, J. Graves, M. Hercinger, C. O'Keefe, L. Rubarth, A. Schoening, M. Wilken.

Doctor of Nursing Practice (D.N.P.): Overview

Creighton University School of Nursing offers a program of study in nursing leading to the degree of Doctor of Nursing Practice (DNP) with specialty tracks in Advanced Practice Nursing and Clinical Systems Administration (CSA). The DNP program provides graduate education in a learning environment where ethical leadership, creative problem resolution, service to the diverse populations, interprofessional collaboration, and commitment to performance excellence are hallmarks. Within the Health Sciences schools as well as the Center for Health Policy and Ethics, College of Business Administration and the Werner Institute's Graduate Program on Healthcare Collaboration and Conflict Resolution, DNP students will complete core, role support, and specialty courses in advanced practice nursing or clinical systems administration. The program's emphasis is on preparing local, regional, national and international nurse leaders who use their expertise in providing quality care in increasingly complex environments.

There are two pathways leading to the DNP.

1. A post-baccalaureate option exists for students who have successfully completed a Bachelor of Science in Nursing degree from a college or university accredited by the National League for Nursing Accrediting Committee (NLN-AC) or Commission on Collegiate Nursing Education (CCNE).
2. A post-master's option exists for students who have completed a Master's of Science degree with a major in nursing from a college or university accredited by the National League for Nursing Accrediting Committee (NLN-AC) or Commission on Collegiate Nursing Education (CCNE).

The Doctor of Nursing Practice was granted accreditation by The Higher Learning Commission of the North Central Association of Colleges and Schools in September 2008.

For more complete information regarding the Doctor of Nursing program, please visit the School of Nursing website: <http://www2.creighton.edu/nursing> or contact the School of Nursing's Office of Student Affairs at 402.280.2067 or 1.800.544.5071.

DNP Program Objectives

The DNP program is designed to prepare nurses who:

1. Integrate nursing science with theories and knowledge from interdisciplinary sciences to advance the health of people and quality of clinical practices.
2. Provide leadership in the analysis of health care delivery systems and clinical practices, and the formulation, implementation, and evaluation of strategies for creating and sustaining continuous improvement.
3. Apply information technology and decision support systems to analyze, evaluate, and improve structure, processes, and outcomes in health care.
4. Engage in policy analysis, formulation, implementation, and advocacy activities to improve health care locally, regionally, nationally, and internationally.
5. Apply communication, collaborative, and dispute resolution skills and techniques to maximize team performance in analyzing and resolving complex issues.
6. Apply appropriate methods and models in partnership with families, individuals, groups, communities, and providers to improve health and address gaps in population-based healthcare.
7. Employ a systematic process of moral reasoning and values-based dialogue to address, prevent, and resolve ethical dilemmas and situations.
8. Engage in the generation, translation, application, evaluation, and dissemination of evidence to administrative and/or clinical practices.
9. Integrate advanced and specialized knowledge and skills when implementing practice roles in clinical care delivery or management of care delivery systems.

DNP Admission Requirements

Admission into the DNP Program is based on Academic Acceptance by the School of Nursing. Academic acceptance is based on meeting the following requirements:

Post-baccalaureate Applicants

- A. A completed application form, together with a \$50 nonrefundable application fee.
- B. A Bachelor of Science degree with a major in nursing from a college or university accredited by the National League for Nursing Accrediting Committee (NLN-AC) or Commission on Collegiate Nursing Education (CCNE).
- C. A cumulative undergraduate GPA of 3.00 on a 4.0 scale, or a cumulative graduate GPA of 3.0.
- D. Three recommendations from persons able to evaluate the applicant's current and potential competency in advanced nursing practice, academic potential, leadership skills, and potential for leadership in the profession. One reference should come from a nursing employer or supervisor. Baccalaureate nursing students applying during their last undergraduate semester will be required to provide a reference from their most recent clinical instructor and/or preceptor.
- E. An official transcript of all previous academic work at the collegiate level. Applicants must assume the responsibility of requesting the registrar of each institution previously attended to mail an official transcript directly to the School of Nursing, Graduate Admissions in the Department of Student Affairs.
- F. A current active unencumbered registered nursing (RN) license to practice in the United States.
- G. A current resume or curriculum vitae that provides evidence of leadership or service experiences.
- H. A personal essay that includes a narrative response to the following items (500 words per item allowed):
 1. The applicant's educational and professional goals, both short term and long term, and how earning the Doctor of Nursing Practice degree will aid in reaching those goals.
 2. One example of a practice problem encountered by the applicant and a description of the applicant's role in effecting change to alleviate or correct the problem.

Academic Acceptance for Post-Master's Applicants

Academic acceptance by the School of Nursing is based on the applicant's meeting the following requirements.

- A. A completed application form, together with a \$50 nonrefundable fee.
- B. A Master's of Science degree with a major in nursing from a college or university accredited by the National League for Nursing Accrediting Committee (NLN-AC) or Commission on Collegiate Nursing Education (CCNE). The applicant must have earned a cumulative graduate GPA of at least 3.0.
- C. Three recommendations from persons able to evaluate the applicant's current and potential competency in advanced nursing practice at the doctoral level, academic potential, leadership skills, and potential for leadership in the profession. One reference should come from a nursing employer or supervisor.
- D. An official transcript of all previous academic work at the collegiate level. Applicants must assume the responsibility of requesting the registrar of each institution previously attended to mail an official transcript directly to the School of Nursing, Graduate Admissions in the Department of Student Affairs.
- E. A current active unencumbered registered nursing (RN) license and, if applicable, a current and active unencumbered license to practice as an advanced practice nurse in the United States
- F. Evidence of current national certification as an advanced practice nurse, if applicable.
- G. A current resume/curriculum vitae that provides evidence of leadership, practice, and service experiences, such as a holding a management position.
- H. A personal essay that includes a narrative response to the following items (500 words per item allowed):
 1. The applicant's educational and professional goals, both short term and long term, and how earning the Doctor of Nursing Practice degree will aid in reaching those goals.

2. One example of a practice problem encountered by the applicant and a description of the applicant's role in effecting change to alleviate or correct the problem.
3. A discussion of the applicant's focused area of interest for the capstone evidence-based quality improvement project and a description of one outcome the applicant would like to address with the project.

NOTE: The School of Nursing requires all students from countries in which English is not the native language to take the Test of English as a Foreign Language (TOEFL) and have the score sent to Creighton University unless they can demonstrate proficiency in English in some other way.

All admission materials must be sent directly to the School of Nursing, Graduate Admissions in the Department of Student Affairs. Questions concerning admission materials can be addressed by contacting the School of Nursing's Department of Student Affairs at 402.280.2001. Upon academic acceptance into the School of Nursing, students must meet certain Conditions of Enrollment. Conditions of Enrollment include:

- A. Completion of required immunizations for all Creighton University Health Sciences students.
- B. Verification of professional RN licensure to practice nursing in Nebraska.
- C. Completion of a background investigation.
- D. Completion of drug screening.
- E. Current certification in Basic Life Support (BLS) for health professionals.
- F. Verification of physical examination attestation form.
- G. Validation of ability to meet the cognitive, affective and psychomotor requirements (Safety and Technical Standards)
- H. A minimum of 2000 hours of employment in a direct care setting prior to enrollment in the course NUR 694 and the corresponding health assessment practicums. A minimum of 2000 hours of employment in the care of critically ill newborns/infants prior to enrolling in NUR 615/616 is required (Post-baccalaureate student).
- I. Successful completion of undergraduate course in statistics prior to enrollment in NUR 683 (Post-baccalaureate student)
- J. Successful completion of an undergraduate course or its equivalent in Physical Assessment prior to enrolling in NUR 694 and its corresponding health assessment practicums or NUR 615/616 (Post-baccalaureate student).

DNP Degree Requirements

The post-baccalaureate and post-master's pathways leading to the DNP include a sequence of courses in three (3) major areas: core courses, role core and/or support courses, and specialty role courses. Core courses include learning experiences in statistics, data analysis, research process and utilization, evidence-based practice, ethics, policy, and care management as well as negotiation and dispute resolution.

Role core and/or support courses provide students with a foundation in advanced health assessment and diagnostics, advanced pharmacology, advanced pathophysiology as well as advanced concepts in finance and health care and dispute resolution. Students selecting the clinical systems administrator role option will enroll in business courses related to finance and economics. Specialty and role courses provide students both classroom and practicum opportunities in the student's specialized role option.

Please note that the number of credit hours in each area is commensurate with the role option and whether the student is enrolled in the post-baccalaureate or post-master's program.

Both post-baccalaureate and post-master's students in the DNP program are required to complete a scholarly project demonstrating synthesis of the knowledge, skills, and attitudes acquired in the core, role support and role specialty courses. The project documents achievement of the program objectives. The project requires that students collaborate with scholars from nursing and other disciplines to design, manage, and evaluate clinical practices and organizational systems. The types of scholarly projects include: quality improvement projects, program development and evaluation, evaluation of new practice models, guidelines, or innovation, and/or participating in faculty research.

Additional courses in cardiovascular, gerontology, and oncology are available for students enrolled in selected nurse practitioner and clinical nurse specialist role options. Courses in curriculum, instruction, and educational evaluation are available to all students regardless of their chosen option.

Master's of Science in Nursing: Overview

The Master of Science in Nursing (M.S.N.) program uses as its foundation the baccalaureate in nursing. The graduate curriculum in nursing is designed to prepare advanced practice and, as a secondary goal, to establish a foundation for future doctoral study in nursing. Emphasis is placed on preparing graduates with advanced competencies in nursing practice and advanced role knowledge to meet the demands of the changing health care environment. Students complete requirements for master's core courses, role core and/or support courses, and advanced nursing practice courses. Role options currently available to students are:

- Advanced Practice Nurse (Clinical Nurse Specialist or Nurse Practitioner)
- Clinical Nurse Leader
- Clinical Systems Administrator

Students selecting the advanced practice nurse role will also select a population focus. Population foci currently available are:

- Adult (Primary, Acute Care, and Behavioral Health)
- Pediatric
- Pediatric Acute Care
- Family
- Neonatal

The advanced practice nurse role also offers sub-specialty in Cardiology and Oncology. The number of credit hours for the master's program range from 35-51. The required credit hours for graduation are commensurate with the student's chosen role option. The full and part-time plans of study are available for all options. Detailed Programs of Study are available for review at: <http://www2.creighton.edu/nursing/programs/mastersprogram>
The M.S.N. program is accredited by the Commission on Collegiate Nursing Education (CCNE).

M.S.N. Program Objectives

The M.S.N. program is designed to prepare nurses who:

1. Analyze theoretical concepts and knowledge from nursing and other disciplines relevant to advanced nursing practice in the provision and improvement of health care.
2. Assume leadership in designing, managing and implementing quality, cost-effective and innovative services to clients in a variety of health care settings.
3. Incorporate knowledge of population-based care and cultural influences in ensuring appropriate and sensitive health care.
4. Influence health policy formulation and implementation to address socioeconomic and health care issues.
5. Demonstrate proficiency in analyzing and utilizing research from nursing and other relevant disciplines to improve practice.
6. Engage in a systematic process of moral reasoning and values-based dialogue to resolve/address ethical dilemmas/situations.
7. Demonstrate competencies as nurse practitioners, clinical nurse specialists, clinical nurse leaders, or clinical systems administrators.

M.S.N. Admission Requirements

Admission into the School of Nursing M.S.N Program is based on academic acceptance by the Graduate School.

Academic Acceptance by the Graduate School is based on meeting the following requirements:

- A. Bachelor of Science degree with a major in nursing from a NLN or CCNE accredited college or university.
- B. An official transcript of all previous academic work at the collegiate level.
- C. A cumulative GPA of 3.00 on a 4.0 scale. The cumulative GPA is based on all previous academic work at the collegiate level.
- D. Three recommendations from persons able to evaluate the applicant's academic potential as well as current potential competency in nursing. One recommendation from a clinical nursing employer or supervisor is required.
- E. A current unencumbered professional nursing license.

Applicants who do not meet the above criteria will be considered on an individual basis.

NOTE: The School of Nursing requires all students from countries in which English is not the native language to demonstrate competence in English by a score of 550 in the TOEFL (Test of English as a Foreign Language) examination or 80 on the Internet-based Test (iBT) at the graduate level.

2. Upon acceptance into the School of Nursing M.S.N. program, students must meet certain conditions of enrollment:

Conditions of Enrollment

- A. Completion of required immunizations for all Creighton Health Sciences students.
- B. Verification of professional RN licensure to practice nursing in Nebraska.
- C. Completion of a background investigation.
- D. Completion of drug screening.
- E. Current certification in Basic Life Support (BLS) for health professionals.
- F. Verification of physical examination attestation form.
- F. Validation of ability to meet the cognitive, affective and psychomotor requirements (Safety and Technical Standards).
- G. A minimum of 2000 hours of employment in a direct care setting prior to enrollment in the course NUR 694 and the corresponding health assessment practicums. A minimum of 2000 hours of employment in the care of critically ill newborns/infants prior to enrolling in NUR 615/616 is required.
- H. Successful completion of undergraduate course in statistics prior to enrollment in NUR 683.
- I. Successful completion of an undergraduate course or its equivalent in Physical Assessment prior to enrolling in NUR 694 and its corresponding health assessment practicums or NUR 615/616.

M.S.N. Degree Requirements

All graduate students' programs of study include a sequence of courses in three (3) major areas: core courses, role core and/or support courses, and specialty role courses. Core courses include learning experiences in statistics, data analysis, research process and utilization, evidence-based practice, ethics, policy, and care management. The credit hours for core course requirements range from 12-15 hours. Role core and/or support courses provide students selecting the clinical nurse leader, nurse practitioner or clinical nurse specialist role options with a foundation in advanced health assessment and diagnostics, advanced pharmacology, advanced pathophysiology as well as advanced concepts in finance and health care.

Students selecting the clinical nurse leader or clinical systems administrator role options will enroll in role courses related to finance, policy, negotiation and dispute resolution. Credit hours for the role core and support courses range from 14-18 hours.

Specialty and role courses provide students both classroom and practicum opportunities in the student's specialized role option. Credit hours for specialty and role courses range from 10-19 hours. Please note that the number of credit hours in each area is commensurate with the role option.

Additional courses in cardiovascular, gerontological, and oncology nursing are available for students enrolled in selected nurse practitioner and clinical nurse specialist role options. Courses in curriculum, instruction, and educational evaluation are available to all students regardless of their specific role option.

NUR 500 Genetics Across the Lifespan (3) I, II

NUR 500 focuses on the application of genetic principles across the lifespan through a variety of perspectives. Content will focus on the basic mechanisms of genetic inheritance and the genetic contribution to rare and common disorders. The psychological impact of genetic disorders at the individual and family level will be discussed. The impact of genetics on health promotion, disease prevention and treatment and nursing responsibilities will be discussed. Emphasis will be placed on critical examination of the psychological, social, ethical, legal, cultural, policy and professional implications of the integration of genetics into healthcare.

NUR 501 Global Health Issues (3)

NUR 501 is designed for health science division students and health care providers, specifically advanced public health/global health nursing students, interested in increasing their knowledge and skills in international and cross-cultural health. With an Ignatian focus this course emphasizes issues and skills that enhance the practice of health personnel, especially those intending to apply their skills in settings outside the USA. Many dimensions of global health are addressed, including social structure, political, economic, cultural, technological, educational, demographic, geographic, and environmental. Several non-US health care systems are discussed, along with implications for professional competencies required in order to maximize global understanding and cooperation. Students prepare to participate as health professionals in opportunities to work, travel, and study abroad. **P: Upper division undergraduate or graduate enrollment.**

NUR 606 Pharmacotherapeutics for Advanced Practice Nurses (3) I

NUR 606 focuses on pharmacotherapeutic effects and clinical uses of specific drug groups as relevant to health care. Pharmacological mechanisms associated with drug interactions, incompatibilities, side effects, contraindications and patient education are discussed as a basis for clinical judgments in managing patients with common acute and stable chronic conditions. Designed to meet requirements for nurse practitioners to practice with prescriptive privileges.

NUR 608 Assessment of Public and Community Health (3) II

NUR 608, building on Ignatian values, focuses on the assessment of multiple and interactive determinants of public and community health. Ecological and epidemiological frameworks addressing diverse physical, age/developmental levels, genetic/genomic, social, cultural, behavioral, economic, and environmental factors influencing population health are evaluated and applied. Social justice issues, health policy decision-making, and public policy impacts on population health are analyzed. **CO: NUR 613; P or CO: NUR 684.**

NUR 613 Practicum I: Health Assessment of Populations and Communities (2) II

NUR 613 is a preceptor-supervised practice course for advanced public health/global health nursing students as they focus on the assessment of multiple and interactive health determinants of populations and communities. Building on the knowledge and skills learned in their baccalaureate nursing programs, previous courses, and in nursing practice, students focus on developing advanced public health nursing competencies. Using an Ignatian perspective students work with preceptors, interdisciplinary colleagues, and public/community members to utilize ecological and epidemiological frameworks in assessing diverse physical, age/developmental, genetic/genomic, social, cultural, behavioral, economic, public policy and environmental factors influencing community and population health. **CO: NUR 608.**

NUR 614 Pharmacotherapeutics for Neonatal Intensive Care (3) I

NUR 614 examines the pharmacotherapeutic effects and clinical uses of specific drug groups related to the care and management of neonates in the intensive care nursery. Pharmacological principles, mechanisms of action, associated drug interactions, incompatibilities, side effects, contraindications and patient education will be discussed as a basis for clinical judgments in managing the sick neonate in the intensive care unit. Specific problems inherent in drug therapy in the neonate and implications for nutritional support and pain management will be discussed.

NUR 615 Advanced Neonatal Assessment (2) II

NUR 615 incorporates knowledge of neonatal physiology and pathophysiology to expand the assessment skills of advanced practice neonatal nursing students. The course includes perinatal history taking, physical assessment and examination techniques, gestational age assessment, APGAR scoring, developmental and behavioral assessment, and cultural/social family evaluation. **P: 2000 hours of direct clinical practice as a registered nurse in NICU; NUR 652; CO: NUR 616, P or CO: 693.**

NUR 616 Practicum I: Neonatal Assessment (1) II

NUR 616 is a preceptored practicum applying knowledge of neonatal physiology and pathophysiology to expand the assessment skills of advanced practice neonatal nursing students and clinical nurse leader students. A preceptored practicum experience (75 hours) performing physical, gestational, behavioral, and developmental assessments and family/social/cultural assessments of normal and high risk neonates. **P: NUR 652. CO: NUR 615, P or CO: 693.**

- NUR 617 Community Oriented Primary Care (3) S**
NUR 617 introduces students to the principles of community-oriented primary care (COPC), which is a systematic approach to the delivery of health care. This course provides opportunities to bridge and unite clinical skills and community health and to apply knowledge of epidemiology, health assessment, health promotion and cultural competence to advanced practice nursing care of communities. For advanced public/global health nursing students only. **P: NUR 684, NUR 608 and 613; CO: NUR 619.**
- NUR 619 Practicum II: Community Oriented Primary Care (1) S**
NUR 619 is a preceptor-supervised practice course for advanced public health/global health nursing students as they focus on health promotion and disease prevention for populations and communities. Students focus on developing advanced public health nursing practice competencies as they partner with communities to assure primary health care services that are accessible, coordinated, continuous-over-time, comprehensive, and accountable to a community population. Students work with preceptors, interdisciplinary teams, and public/community partners to design strategies to optimize health outcomes. **P: NUR 608, NUR 613. CO: NUR 617.**
- NUR 621 Practicum I: Care of the Well Child (1) II**
NUR 621 is a supervised practice course for nurse practitioner and clinical nurse practitioner students in pediatrics. Building on the knowledge and skills learned in their baccalaureate programs of study and in the courses NUR 636, 646, NUR 693, and NUR 694, students in this course focus on developing advanced competencies in the assessment of health status of pediatric patients, in developing advanced nurse-patient relationships, and in developing advanced cultural competence. Students work in primary care settings with a focus on the well child with clinical preceptors who provide guidance and feedback in the areas of history and physical assessment and diagnostic reasoning. **P: NUR 636, NUR 646. CO: NUR 664, NUR 694; P or CO: NUR 693.**
- NUR 625 Diagnostic and Therapeutic Procedures for the Pediatric Acute Care Nurse Practitioner (1) II**
NUR 625 is designed to provide students with opportunities to obtain advanced knowledge and clinical skills in diagnostic and therapeutic procedures related to the role of the Pediatric Acute Care Nurse Practitioner. Students also learn to select and interpret appropriate laboratory tests, x-rays, MRIs, CT scans, and other diagnostic tests utilized in the acute care setting. **CO: NUR 694.**
- NUR 631 Principles of Learning and Instruction (3) I**
NUR 631 studies the processes, philosophies and supporting theories for designing curriculum and instruction. Includes a one credit practicum (60 contact hours) project in which this knowledge will be applied in the design and critique of a unit of instruction for nursing or health education.
- NUR 633 General Neonatal Management (1) S**
NUR 633 provides the student with knowledge of general management principles in the newborn nursery, convalescent nursery and upon discharge from the NICU. Course content includes nutrition, pain management, thermoregulation, resuscitation, transitional care, discharge planning, developmental follow-up, the grief process, and general infant care to age 2 years. **P: NUR 614, 615, 687, 693. CO: NUR 639 or NUR 726.**
- NUR 635 Educational Evaluation (3) II**
NUR 635 emphasizes systematic educational evaluation and its application to professional nursing education and client education programs. Topics of study include evaluation as a disciplined inquiry, frameworks for planning evaluations, the change process, norm-referenced vs. criterion-referenced measurement, reporting results, and cost-benefit analysis. **P: NUR 631; P or CO: Clinical practicum Courses.**
- NUR 636 Advanced Pediatric Pharmacology and Therapeutics (3) I**
NUR 636 is designed to apply modern pharmacotherapeutic principles for pediatric patients and the use of best available evidence when prescribing and reviewing medication regimens. Students examine the rationale for using the different classes of drugs. Pharmacological principles, mechanisms of action, associated drug interactions, side effects, contraindications, and important points for patient and family education will be emphasized. Specific issues inherent in drug therapy for the pediatric population are highlighted.

- NUR 638 Practicum in Community-Based Teaching – Learning (3) S**
NUR 638 is a practicum experience in teaching and evaluating the performance of undergraduate students in community-based classroom and clinical experiences, under the direction of an experienced faculty member. **P: NUR 631, 635.**
- NUR 639 Practicum II: Neonatal Nurse Practitioner (1) S**
NUR 639 is a preceptor-supervised practicum course designed to begin development of the Neonatal Nurse Practitioner (NNP) role by providing care to infants in the delivery room, transition nursery, intermediate care nursery, and diagnostic procedures in the intensive care nursery. The student applies knowledge of prenatal evaluation; neonatal assessment; emergency assessment, diagnosis, and intervention; radiological evaluation; laboratory interpretation; and diagnostic reasoning to the care of normal and high risk neonates in the NICU including the areas of nutrition, pain management, and discharge planning. **P: NUR 616, 683, 751; P or CO: NUR 685.**
- NUR 643 Management of the High Risk Neonate I (4) I**
NUR 643 provides students with didactic content in common high risk maternal/fetal conditions, neonatal cardiovascular, pulmonary, gastrointestinal, hematological, neurological, dermatological and infectious disorders. Content includes the management of the more common high risk conditions. **P: NUR 633; CO: NUR 644 or NUR 728.**
- NUR 644 Practicum III: Neonatal Nurse Practitioner (2) I**
NUR 644 is a preceptor-supervised course designed to continue the development, the neonatal nurse practitioner by focusing on providing care to a group of stable infants in a Level III NICU. The experience provides the student with exposure to the more common high risk maternal/fetal conditions, neonatal cardiovascular, pulmonary, gastrointestinal, hematological, neurological, dermatological, genetic and infectious disorders as well as palliative care, development care and bereavement issues. **Prior to enrollment in this course students, in conjunction with their advisors, must secure approved preceptors. P: NUR 639; CO: NUR 643; P or CO: NUR 686, 692.**
- NUR 646 Advanced Pediatric Pathophysiology and Embryology (3) I**
NUR 646 addresses normal developmental physiology, including both basic embryologic development and physiology of organ systems. The pathophysiology of human disease is contrasted with normal physiologic functions. The relationship between pathophysiologic occurrence & consequential clinical manifestations is explored. Clinical scenarios will be utilized to demonstrate an understanding of pathophysiology.
- NUR 651 Advanced Pathophysiology (3) I**
NUR 651 is designed to provide the student with an understanding of the relationship between normal physiologic functioning and pathophysiologic phenomena and clinical manifestations of human responses to actual or potential health alterations across the lifespan. This base serves as one of the primary components for clinical assessment, decision-making, and management.
- NUR 652 Advanced Neonatal Pathophysiology (3) I**
NUR 652 is designed to provide the student with an understanding of the relationship between normal embryology and fetal development and normal physiologic functioning with the pathophysiologic phenomena that can occur in the fetus and neonate. A relationship between the pathophysiologic occurrence and the consequential clinical manifestations will be explored. This base serves as one of the primary components for clinical assessment, decision-making, and management of neonatal disorders.
- NUR 657 Diagnostic and Therapeutic Procedures for Primary Care Nurse Practitioners (1) II**
NUR 657 is designed to provide students with opportunities to obtain advanced knowledge and clinical skills in performing diagnostic and therapeutic procedures related to the role of the adult or family nurse practitioner in primary care settings.
- NUR 664 Well Child Care Management (1) II**
NUR 664 is designed for acute care pediatric nurse practitioner students and focuses on the well child from birth through adolescence. Special attention will be given to health maintenance care of the high risk infant in the primary care setting. **P: NUR 636, 646; CO: NUR 621.**

- NUR 668 Advanced Cardiovascular Nursing (3) I**
NUR 668 is designed to provide a conceptual base for students to diagnose and treat human responses to actual or potential cardiovascular health problems. Emphasis is placed on anatomy and physiology for the cardiovascular system, advanced assessment of patients with cardiovascular health problems, and common cardiovascular problems.
- NUR 671 Cardiovascular Disease: Risk Assessment, Risk Reduction, and Rehabilitation (2) S**
NUR 671 is an elective support course for students in the adult acute care nurse practitioner or adult clinical nurse specialist programs of studies who choose to sub-specialize in cardiovascular nursing. It is also an elective course for other graduate nursing students interested in the outpatient management of patients with cardiovascular disease. This course focuses on assessment, diagnosis, and management of coronary artery disease as well as approaches to risk reduction and rehabilitation. The role of the advanced practice nurse in designing, implementing, and evaluating cardiovascular health promotion and disease management programs is examined from an evidence-based practice perspective. Cardiovascular disease prevention and management in a major element in the course.
- NUR 672 Electrocardiography for Advanced Nursing Practice (3) II**
NUR 672 is a required support course for students in the adult acute care nurse practitioner or adult clinical nurse specialist programs of studies who choose to sub-specialize in cardiovascular nursing. It is an elective course for other graduate nursing students. Basic and advanced concepts related to electrophysiology and electrocardiography are presented. Evidence-based medical and nursing therapies are discussed for electrical abnormalities particularly as they apply to advanced practice nursing. Students are provided with opportunities for practicing 12-lead ECG and rhythm strip interpretation.
- NUR 675 Diagnostic and Therapeutic Procedures for Acute Care Nurse Practitioners (1) II**
NUR 675 is designed to provide students with opportunities to obtain advanced knowledge and clinical skill in diagnostic and therapeutic procedures related to the role of the acute care nurse practitioner in acute and critical care settings.
- NUR 676 Differential Diagnosis of Adult Health Problems (1) II**
NUR 676 is designed to apply the diagnostic reasoning process in determining differential diagnoses for common chief complaints of young, middle, and older adults. Using a body system framework, common presenting symptoms are discussed. Assessment of these presenting symptoms, their common causes, and the indicated laboratory and diagnostic studies are considered. **P: NUR 651; P or CO: NUR 693.**
- NUR 677 Differential Diagnosis of Pediatric Health Problems in Primary Care (1) II**
NUR 677 is designed for students to apply the diagnostic reasoning process in determining differential diagnoses for common chief complaints of infants and children in the primary care setting. Using a body system framework, common presenting symptoms of infants and children, the focused history and physical exam, various diagnostic studies, and the common causes of the symptoms for infants and children are discussed. Students learn how to elicit needed information about the infant or child from parents/guardians. **P: NUR 651; P or CO: NUR 693.**
- NUR 683 Statistics and Data Analysis for Evidence-Based Nursing Practice (3) II**
NUR 683 focuses on the appropriate uses of descriptive and inferential statistics for supporting evidence-based practice. Specifically, students develop skills in using statistical concepts and applications to interpret and present health care data for use in data-driven decisions. Emphasis is placed on parametric and nonparametric statistics. **P: Undergraduate statistics course.**
- NUR 684 Epidemiology (3) II**
NUR 684 explores principles and methods of epidemiology as they are applied in advanced clinical practice with groups, communities, and populations. Infectious and noninfectious disease models are examined. Emphasis is placed on the application of epidemiological methods to questions related to individual, aggregate, community, and population health. This course highlights the interface between epidemiology, clinical practice, and public policies influencing health. **P: Undergraduate statistics course.**

- NUR 685 Exploring Evidence for Improving Outcomes (3) S**
In NUR 685 students build on knowledge and skills needed for evidenced- based practice (EBP) that was developed in baccalaureate programs. Students are introduced to theoretical frameworks and to their relationship to developing evidence for practice. Strategies and models for EBP are discussed as are strategies for motivating and creating change in the clinical setting. Students identify a clinical practice or system problem and critique and synthesize the relevant research literature and other sources of evidence appropriate to the resolution of that problem. **P: NUR 683.**
- NUR 686 Evaluative Methods for Evidence-based Nursing Practice (3) I**
NUR 686 focuses on the translation of scientific knowledge into complex clinical interventions and the evaluation of outcomes of evidence-based practice changes. Emphasis is placed on research designs and methods aimed at outcomes evaluation. Students utilize data management methods to evaluate outcomes. **P: NUR 685 into Post-master's DNP program.**
- NUR 687 Care Management and Outcomes Improvement (3) I**
NUR 687 focuses on advanced nursing roles, patient-centered approaches to care, and improving outcomes using a care management process model. Theoretical formulations underlying relationship-based care, evidenced-based practice, quality improvement, and risk management are examined. Emphasis is placed on clinical quality and safety, and ethical and cultural issues related to care for specialized populations in unique clinical situations.
- NUR 689 Organizations as Complex Adaptive Systems (3) II**
NUR 689 examines the complexity of diverse healthcare systems at the micro and macro levels. Using productive inquiry, students explore innovative infrastructures and processes that support the delivery of health care. Concepts, principles, and processes of complexity science, organization theory, management theory, and strategic planning are the main foci of this course. Students analyze the impact of accelerated change on their micro-systems and address the status quo, complacency, and standards of care within their respective practice environments. **P: NUR 687; P or CO: MBA 701, NUR 683, 684.**
- NUR 690 Practicum: Organizations as Complex Adaptive Systems (3) S (225 practicum hours)**
NUR 690 is designed to increase the breadth of understanding of the competencies required of the administrative role. Through productive inquiry and organizational assessment, students examine the structures, processes, and outcomes important in the delivery of patient care. Students analyze the impact of accelerated change on the micro and macro systems, including the knowledge workers. **P: NUR 689; P or CO: NUR 685**
- NUR 691 Practicum II: Care Management and Outcomes Management (2) I**
NUR 691 is designed to increase the breadth of the clinical nurse leader's role as a clinician, advocate, educator, team manager, and designer of care are offered. The clinician role will be emphasized through the application of concepts from outcome/care management, relationship based care models, and disease management in caring for patient cohorts with health alterations. Quality improvement and patient safety within the micro system will be a primary focus. **P: NUR 606, 651, 685, 694, 697. CO: NUR 686, 687, 688.**
- NUR 692 Financial Organization of U.S. Healthcare (2) I**
NUR 692 is designed to provide a foundation in areas of accounting principles, financial planning and control, and use of a financial statement for decision-making and fiscal management. Specific content and issues related to healthcare financing and reimbursement for U.S. Medicare, Medicaid, and private insurers will be reviewed and differentiated from other selected countries.
- NUR 693 Diagnostic Reasoning for the Advanced Practice Nurse (1) II**
NUR 693 introduces advanced practice nursing students to the diagnostic reasoning process for the purpose of establishing differential diagnoses for patients with common acute and chronic health problems regardless of age or clinical setting. Students are introduced to various diagnostic methods commonly used in decision making and to the common errors and optimizing strategies of each method. Emphasis is placed on the major steps of the hypothetico-deductive method. **P: NUR 651 or 652 and NUR 646.**

- NUR 694 Advanced Health Assessment (3) II**
NUR 694 prepares students to develop a comprehensive database, including physical, gestational, developmental, behavioral, cultural/social, and family assessment using clinical techniques and appropriate diagnostic tests. The knowledge, skills, and abilities learned provide a foundation for development as advanced generalists or as advanced practice nurses in primary and/or acute care settings as they begin to diagnose acute, chronic, and episodic health problems or responses to health problems for individuals and families. The course includes 60 hours of laboratory experience. **P: NUR 651 and 2000 hours of direct care experience as professional nurse for students enrolled in the following advanced practice nursing tracks; Family, Adult, Adult Acute Care and Adult Psychiatric and Mental Health Nursing; or 2000 hours of direct pediatric nursing care and NUR 646 (for students enrolled the Acute Care Pediatric Nurse Practitioner or Clinical Nurse Specialist Role). CO: NUR 695 or NUR 696 or NUR 697 or NUR 621; P or CO: NUR 693; NUR 676 or NUR 677 or NUR 727.**
- NUR 695 Practicum I: Health Assessment of Adults Across the Lifespan (1) II**
NUR 695 is a preceptor-supervised practicum for advanced practice nurse (APN) students and clinical nurse leader (CNL) students. This course focuses on the development of advanced competencies in health assessment. Students work in clinical settings with preceptors who provide guidance and feedback in the areas of history and physical assessment and diagnostic reasoning. **P: NUR 606; NUR 651; CO: NUR 694; P or CO: NUR 693**
- NUR 696 Practicum I: Health Assessment of Individuals Across the Lifespan (1) II**
NUR 696 focuses on developing advanced competencies in the assessment of health status of patients. Students work in clinical settings with preceptors who provide guidance and feedback in the areas of history and physical assessment and diagnostic reasoning. **P: NUR 651, NUR 606; CO: NUR 694; P or CO: NUR 693**
- NUR 697 Practicum I: Health Assessment of Adults in Acute and Critical Care (1) II**
NUR 697 focuses on developing advanced competencies in the assessment of the health status of patients. Students work in clinical settings with preceptors who provide guidance and feedback in the areas of history and physical assessment and diagnostic reasoning. **P: NUR 606, NUR 651; CO: NUR 694; P or CO: NUR 693**
- NUR 698 Health Promotion and Disease Prevention for Populations and Communities (3) I**
NUR 698 is designed to apply advanced public health approaches to disease prevention and health promotion with community clients and populations. The focus is on education and leadership of teams that influence health behaviors of community clients, screening and counseling activities, learning assessments, literacy levels, health education materials, and introduction to health program design and implementation. **P: NUR 617, NUR 619, or IC; CO: NUR 699 (advanced public health/global health nursing students only).**
- NUR 699 Practicum III: Health Promotion and Disease Prevention for Populations and Communities (2) I**
NUR 699 is a preceptor-supervised practice course for advanced public health/global health nursing students as they focus on health promotion and disease prevention for populations and communities. Students focus on developing advanced public health nursing practice competencies. Students work with preceptors, interdisciplinary teams, and public/community partners in coalitions for optimizing health outcomes. **P: NUR 617, NUR 619. CO: NUR 698.**
- NUR 700 Clinical Nurse Leader Residency (4) II**
NUR 700 provides an intense preceptorship to apply the roles of clinician, outcomes manager, patient advocate, educator, information manager, micro system analyst/risk anticipator, team manager, and member of profession. Clinical opportunities will be designed that will allow the clinical nurse leader to focus on global health care and its implications for the micro system. **P: NUR 691, and all required research and theory core, leadership and policy care, and role support core courses. CO: NUR 701.**
- NUR 701 Clinical Nurse Leader Seminar (1) II**
NUR 701 focuses on reflection, inquiry, and synthesis of the clinical nurse leader role. **CO: NUR 700.**

- NUR 702 Management of the High Risk Neonate II (2) II**
This course is a continuation of didactic content providing the student with an in depth study of many neonatal conditions, including genetic & chromosome abnormalities, immunological, endocrine/metabolic, renal & genital, musculoskeletal, hepatic and EENT disorders with special emphasis on the extremely low birth weight infant and ethical/legal considerations. The course provides an overview of the management strategies and diagnostic techniques used in the assessment and care of some of the more complex neonatal diseases. **P: NUR 643. CO: NUR 753 or 872 or 875.**
- NUR 704 Health Care Policy and Law (2) II**
NUR 704 addresses the legal, policy, political, and regulatory aspects of health care. Topical concepts include health policy from agenda setting through implementation to policy evaluation. Legal and regulatory concepts include the U.S. legal system, contracts, torts, negligence, corporate management, institutional liability, institutional taxation, antitrust laws, healthcare fraud and abuse, organizational admission and discharge, emergency care, treatment consent, medical records, regulation, etc. This course provides a foundational framework for assuming a leadership role in designing, influencing, and/or implementing policies to address critical health care issues.
- NUR 705 Advanced Pediatric Acute Care I (4) S**
NUR 705 is designed to provide students with didactic content in common pediatric problems seen in the acute care setting. Content covers common pediatric disorders in the neurological, respiratory, cardiovascular, gastrointestinal, genitourinary, musculoskeletal, and hematological systems. Clinical decision making skills involved in the assessment of patients and the planning and implementing of therapeutic interventions associated with various disorders are addressed. **P: NUR 693, 694, 687, 664, 621, 727; CO NUR 726 or 706.**
- NUR 706 Practicum II: Pediatric Acute Care Nurse Practitioner (2) S**
NUR 706 allows students to begin the development of the Pediatric Acute Care Nurse Practitioner role by providing health care services to pediatric patients & their families in the acute care setting. The emphasis of the course is on further developing clinical assessment and diagnostic reasoning skills and on diagnosing and treating common pediatric illnesses seen in the acute care setting. **P: NUR 621, NUR 625; CO: NUR 705; P or CO: NUR 685.**
- NUR 707 Clinical Specialization: Influencing Nursing Practice and Care Management (1) II**
NUR 707 is one of two seminar courses designed to inform graduate nursing students about the role of the clinical nurse specialist and broaden students' knowledge of the conceptual frameworks, spheres of influence, literature sources, and selected statutes associated with the role of the CNS. Opportunities are provided to explore the role components of the CNS and to consider ways in which the CNS influences nursing practice and disease management of patients in a targeted specialty population. Standards of CNS practice and education are discussed as are practice models and sample position descriptions appropriate to the role. **P: NUR 687; CO: NUR 697 or NUR 616 or NUR 621.**
- NUR 708 Advanced Pediatric Acute Care II (4) I**
NUR 708 focuses on the application of the care management process to selected high acuity pediatric conditions in the acute care setting. Selected issues related to high acuity disorders and the management of compromised respiratory, neurological, and cardiovascular disorders are discussed. Students are prepared for triage and assessment of the deteriorating patient in the acute care setting and initial stabilization of that patient. This includes pharmacologic management, basic ventilator management, and other therapeutic interventions. An understanding of human physiology, the pathophysiology of disease states and the scientific rationale for management strategies are emphasized. **P: NUR 705, 706 or 726 CO: NUR 709 or 728.**
- NUR 709 Practicum III: Pediatric Acute Care Nurse Practitioner (2) I**
NUR 709 is designed to provide students the opportunity to continue development of the Pediatric Acute Care Nurse Practitioner role by providing health care services to pediatric patients and their families in acute care settings. The emphasis of the course is on further developing clinical assessment, diagnostic reasoning skills, and on diagnosing and treating common and more complicated acute care pediatric patients with increased acuities. **CO: NUR 708; P or CO: NUR 686.**

- NUR 710 Clinical Specialization: Ensuring Safety and Quality of Nursing Practice (1) S**
NUR 710 is designed to inform students about the role of the clinical nurse specialist (CNS) and to explore ways in which the CNS ensures safety and quality of nursing practice. Theoretical underpinnings of selected non-disease based causes of illness are addressed as are symptoms, functional problems, and risk behaviors encountered by the CNS. Students are offered opportunities to analyze the role of the CNS in the patient sphere of influence, the nurse sphere of influence, and the organization sphere of influence. **P: NUR 707; CO: NUR 726.**
- NUR 711 Advanced Pediatric Acute Care III (2) II**
NUR 711 is designed to assist students with the development of advanced skills in identifying the needs and interventions for medically fragile children and their families who are frequently cared for in the acute care setting. The course addresses the chronic health care needs, the acute episodes, and the community resources needed for care. **P: NUR 708, NUR 709 or 728; CO: NUR 712 or 803 or 872 or 748.**
- NUR 712 Residency: Pediatric Acute Care Nurse Practitioner (4) I, S**
NUR 712 is the final preceptor-supervised practicum course for students in the Master's degree program in which students are immersed in their advanced practice nursing role. The emphasis of the course is on developing competence in diagnosing and treating a full range of common acute, complex acute and chronic health problems of pediatric patient in the acute care setting. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**
- NUR 713 Using SPSS for Data Analysis (2) S**
NUR 713 is an elective course that focuses on data manipulation, management, and analysis using SPSS (Statistical Package for the Social Sciences). Students develop skills essential to data base construction and design as well as conducting statistical analyses and interpreting results. In this applied course, students employ a hands-on approach working with real data sets. **P: NUR 683 (or its equivalent) or IC.**
- NUR 714 Primary Care of Adults I (3) S**
NUR 714 provides a theoretical and practical base for students to diagnose and manage common and uncomplicated acute episodic and chronic health problems of adults that are managed predominantly in primary care settings. Content includes management strategies from the domains of nursing, medical, and pharmacological therapeutics, and emphasizes direct care to patients with health problems in selected body systems. The student is expected to apply the concepts and theories discussed in class to the care of adult patients in concurrent and subsequent clinical practicum courses. **P: NUR 676, 687, 693, 694, 695 or 696; CO: NUR 715 or 716 or 717.**
- NUR 715 Practicum II: Family Nurse Practitioner (2) S**
NUR 715 allows students to begin the development of the family nurse practitioner role by providing health care services to patients across the lifespan in primary care settings. The course emphasizes the further development of clinical assessment and diagnostic reasoning skills in the diagnosis and treatment of common and uncomplicated acute episodic and chronic health problems of adults, pregnant women, and children. **P: NUR 657, NUR 676, NUR 677, NUR 683, NUR 696; CO: NUR 714, 717; P or CO: NUR 685**
- NUR 716 Practicum I: Adult Nurse Practitioner (2) S**
NUR 716 is designed to allow students to develop their role as adult nurse practitioners by providing health care services to patients across the lifespan in primary care settings. The emphasis of the course is on further developing clinical assessment and diagnostic reasoning skills and on diagnosing and treating common and uncomplicated acute episodic and chronic health problems of adults who present and are treated predominantly in primary care settings. **P: NUR 657, 695, 676, 693; CO: NUR 714; P or CO: NUR 685.**
- NUR 717 Maternal and Well Child Care Management (1) S**
This course provides a theoretical and practical base for students to diagnose and manage the normal pregnant woman and common complications of pregnancy and the well child from birth through adolescence. Content includes management strategies from the domains of nursing, medical and pharmacological therapeutics. Special emphasis is placed on health promotion and health maintenance. The student is expected to apply the concepts and theories discussed in class to the care of maternal-child patients in concurrent and subsequent clinical practicum courses. **P: NUR 677, 687, 693, 694, 696; CO: NUR 714, 715.**

- NUR 718 Advanced Adult Acute Care Nursing I (4) S**
 NUR 718 provides a theoretical and practical base for Adult Acute Care Nurse Practitioner and Adult Clinical Nurse Specialist students to diagnose and manage health problems of adults across the lifespan in a variety of settings including primary, acute, and critical care. Content includes management strategies from the domains of nursing, medical, and pharmacology and emphasizes direct care to patients with health problems in selected organ systems. **P: NUR 693, 694, 697, 676, 729, 687; CO: NUR 719 or 726.**
- NUR 719 Practicum II: Adult Acute Care Nurse Practitioner (2) S**
 NUR 719 focuses on the development of the adult acute care nurse practitioner role by providing health care services to adults across the lifespan in primary and acute care settings. The course emphasizes clinical assessment and diagnostic and reasoning skills, and the treatment of common diseases in young, middle age and older adults and their families in primary and acute care settings. **P: NUR 675, 676, 683, 697; CO: NUR 718; P or CO: NUR 685.**
- NUR 720 Primary Care of Adults II (3) I**
 NUR 720 is designed to provide a theoretical and practical base for students to diagnose and manage more complicated acute episodic and chronic health problems of adults across the lifespan that present predominantly in primary care settings. Content includes management strategies from the domains of nursing, medical, and pharmacological therapeutics, and emphasizes direct care to patients with health problems in selected body systems. The student is expected to apply the concepts and theories discussed in class to the care of adult patients in concurrent and subsequent clinical practicum courses. **P: NUR 714, NUR 715 or 716; CO: NUR 721 or 724.**
- NUR 721 Practicum III: Family Nurse Practitioner (2) I**
 NUR 721 allows students to continue the development of the family nurse practitioner role by providing health care services to patients across the lifespan in primary care settings. This course emphasizes further development of clinical assessment and diagnostic reasoning skills and the diagnosis and treatment of common and more complicated acute episodic and chronic health problems of adults, pregnant women and children. **P: NUR 714, 715, 717; CO: NUR 720; 722; P or CO: NUR 686 ; NUR 692.**
- NUR 722 Child Care Management (2) I**
 NUR 722 provides a theoretical and practical base for students to diagnose and manage common and uncomplicated acute episodic and chronic health problems of infants and children that are managed predominantly in primary care settings. Content includes management strategies from the domains of nursing, medical and pharmacological therapeutics. The student is expected to apply the concepts and theories discussed in class to the care of pediatric patients in concurrent and subsequent clinical practicum courses. **P: NUR 717; CO: NUR 721, 720.**
- NUR 723 Residency: Family Nurse Practitioner (4) II**
 NUR 723 is the final preceptor-supervised practicum course in the Master's Degree Program in which students are immersed in the advanced practice nursing role. Students will develop competency in diagnosing and treating a full range of common acute and chronic health problems of adult, pregnant women and children who present and are treated predominantly in primary care settings. **P: Successful completion of all required research and theory core, leadership and policy core, role and support core and specialty and role courses.**
- NUR 724 Practicum III: Adult Nurse Practitioner (2) I**
 NUR 724 is a preceptor-supervised practicum course for adult nurse practitioner students. This course emphasizes the provision of health care services to adults across the lifespan in primary care settings. The course focuses on further developing clinical assessment and diagnostic reasoning skills. Students will develop competency in diagnosing and treating common and more complicated acute episodic and chronic health problems of adults who present and are treated predominantly in primary care settings. **P: NUR 716; CO: NUR 720; P or CO: NUR 686.**

- NUR 725 Residency: Adult Nurse Practitioner (4) II**
NUR 725 is the final preceptor-supervised practicum course in the Master's Degree Program in which students are immersed in the advanced practice nursing role. Students will develop competency in diagnosing and treating a full range of common acute and chronic health problems of adults who present and are treated predominantly in primary care settings. **P: All required research and theory core, leadership and policy core, role and support core and specialty and role courses.**
- NUR 726 Practicum II: Clinical Nurse Specialist (2) S**
NUR 726 is a preceptor-supervised practicum for clinical nurse specialist students. The scope of practice of clinical nurse specialists is comprised of competencies in three overlapping spheres of influence, including patient, nurse and system. The emphasis of this course is the development of the patient sphere of influence in students' target populations. Through direct patient care experiences, students apply best evidence as they assess, diagnose, and manage disease and actual and potential responses to disease. **P: NUR 707; NUR 616 or NUR 621 or NUR 697; NUR 676; CO: NUR 710; NUR 633 or NUR 705 or NUR 718; P or CO: NUR 685.**
- NUR 727 Differential Diagnosis of Pediatric Health Problems in Acute Care (1) II**
NUR 727 is designed to allow students to apply the diagnostic reasoning process in determining differential diagnoses for common chief complaints of infants and children in the acute care setting. Using a body system framework, faculty and students discuss common presenting symptoms of infants and children, the focused history and physical exam appropriate to each presenting symptom, laboratory and diagnostic studies indicated to discern the nature of the problem, and the common causes of the symptoms. Students learn how to elicit needed information about the infant or child from parent or guardian. **P: NUR 646; P or CO: NUR 693.**
- NUR 728 Practicum III: Clinical Nurse Specialist (2) I**
NUR 728 is a preceptor supervised practicum for clinical nurse specialist students. The scope of practice of clinical nurse specialists is comprised of competencies in three overlapping spheres of influence, including patient, nurse and system. The emphasis of this course is the development of the nurse sphere of influence in students' target populations. Through mentoring and nursing process changes, students learn to empower nurses to develop caring, evidence-based practices designed to alleviate patient distress, facilitate ethical decision-making, and respond to diversity. **P: NUR 710, NUR 726; CO: NUR 643 or NUR 708 or NUR 746; P or CO: NUR 686.**
- NUR 729 Pharmacotherapeutics for Acute and Critical Care (2) I**
NUR 729 focuses on the pharmacotherapeutic effects and clinical uses of specific drug groups related to the care and management of patients in acute and critical care settings. Pharmacological principles, mechanisms of action, associated drugs interactions, incompatibilities, side effects, contraindications, and patient education are discussed as a basis for clinical judgments in acute and critical care. Problems inherent in drug therapy of specific patient populations are emphasized. **P: NUR 606.**
- NUR 746 Advanced Adult Acute Care Nursing II (4) I**
NUR 746 provides a theoretical and practical base for Adult Acute Care Nurse Practitioner and Adult Clinical Nurse Specialist students to diagnose and manage health problems of adults, across the lifespan, in a variety of settings including primary, acute and critical care. Content includes management strategies from the domains of nursing, medicine, and pharmacology, and emphasizes direct care to patients with health problems in selected organ systems. Building on knowledge skills and attitudes learned in NUR 718 students are expected to apply the concepts and theories discussed in class to the care of adult patients across the lifespan. **P: NUR 718; NUR 719 or NUR 726; CO: NUR 749 or NUR 728.**

- NUR 747 Advanced Adult Acute Care Nursing III (2) II**
 NUR 747 provides a theoretical and practical base for Adult Acute Care Nurse Practitioner and Adult Clinical Nurse Specialist students to diagnose and manage health problems of adults, across the lifespan, in a variety of settings including primary, acute and critical care. Content includes management strategies from the domains of nursing, medicine, and pharmacology, and emphasizes direct care to patients with health problems in selected organ systems. Building on knowledge skills and attitudes learned in NUR 718 and NUR 746 students are expected to apply the concepts and theories discussed in class to the care of adult patients across the lifespan. **P: NUR 746; NUR 749 or NUR 728; CO: NUR 759 or NUR 872.**
- NUR 748 Residency: Clinical Nurse Specialist (4) II**
 NUR 748 is the final preceptor supervised practicum for clinical nurse specialist students in the master's degree program. The scope of practice of clinical nurse specialists is comprised of competencies in three overlapping spheres of influence, including patient, nurse and system. While continuing to focus on their target population of patient and nursing practice with that population, students in this course emphasize the development of the system sphere of influence and, to the extent possible, engage in the full scope of clinical nurse specialist practice. **P: Successful completion of all research and theory core, leadership and policy core, role support core, and specialty and role courses. CO: NUR 702 or NUR 711 or NUR 747.**
- NUR 749 Practicum III: Adult Acute Care Nurse Practitioner (2) I**
 NUR 749 focuses on the development of the adult acute care nurse practitioner role by providing health care services to adults across the lifespan in acute care settings. The course emphasizes clinical assessment and diagnostic and reasoning skills, and the treatment of common diseases in young, middle age and older adults and their families in acute care settings. **P: NUR 718, NUR 719; CO: NUR 746; P or CO: 686.**
- NUR 750 Residency: Adult Acute Care Nurse Practitioner (4)**
 NUR 750 is the final preceptor supervised practicum course for students in the master's degree program in which they are immersed in their advanced practice nursing role. Emphasis of the course is on developing competence in diagnosing and treating a full range of common acute and chronic health problems of young, middle age and older adults who present and are treated predominantly in acute and critical care settings. **P: All research and theory core, leadership and policy core, role support core, and specialty and role courses; CO: NUR 747.**
- NUR 751 Diagnostic and Therapeutic Procedures for Neonatal Nurse Practitioner (1) II**
 NUR 751 provides students with opportunities to obtain advanced knowledge and clinical skills in diagnostics and therapeutic procedures related to the role of the neonatal nurse practitioner in the NICU. Neonatal resuscitation program certification and instructor certification are part of this course. **CO: NUR 615, NUR 616.**
- NUR 752 Embryology and Genetics of the Developing Newborn (2) I, S**
 NUR 752 is designed to prepare neonatal advanced practice nurses to use embryology, genetics, and developmental concepts when assessing neonatal and pediatric patients in various environments and with a variety of healthcare conditions.
- NUR 753 Residency: Neonatal Nurse Practitioner (5) II**
 NUR 753 is the final preceptor supervised practicum course for neonatal nurse practitioner students in the master's degree program in which students are immersed in their advanced practice nursing role. The course allows students to complete the trajectory from novice to competent advanced practice nurse by providing care to a group of critically-ill infants in the Level III NICU. **P: All required research and theory core, leadership and policy core, role support core courses and specialty and role courses; CO: NUR 702.**
- NUR 754 Advanced Oncology Nursing I (3) I**
 NUR 754 is an elective course for graduate nursing students in the adult acute care or primary care nurse practitioner, adult clinical nurse specialist or clinical nurse leader programs of study who choose to enhance their oncological nursing knowledge. This course is designed to provide a scientific and evidence-based framework for care of the oncology patient. The course will include epidemiology, pathophysiology, genetics and genomics of

cancers, screening and diagnosis, common treatment modalities, symptom management, and psychosocial issues associated with the cancer trajectory. Palliative and end of life care, cancer survivorship, and economic issues associated with cancer care will also be addressed. **P or CO: NUR 720 or 746 or IC.**

NUR 755 Advanced Oncology Nursing II (3) II

NUR 755 is an elective course for graduate nursing students in the adult acute care or primary care nurse practitioner, adult clinical nurse specialist, or clinical nurse leader programs of study who choose to enhance oncologic nursing knowledge. Knowledge and concepts from NUR 754 are applied to the discussion of breast, gynecologic, prostate, testicular, gastrointestinal, lung, and head and neck cancers; hematologic cancers; sarcomas; and skin cancers. Oncological emergencies are addressed. **P: NUR 754 or IC.**

NUR 756 Health Promotion and Disease Prevention in the Older Adult (3)

NUR 756 is an elective course designed for graduate nursing students who choose to sub-specialize in gerontologic nursing. Students will utilize health promotion and health protection principles in the delivery of care to the older adult, families and to caregivers. Demographic trends and stereotypes, as well as biological and psychosocial theories of changing of aging are explored. Quality of life issues through the utilization of health promotion strategies are a focus combined with prevention strategies for age-specific diseases and syndromes. **P or CO: NUR 606, NUR 651, NUR 694 or IC.**

NUR 757 Assessment and Management of Acute and Chronic Illness in the Older Adult (3)

NUR 757 is an elective course designed for graduate nursing students who choose to sub-specialize in gerontologic nursing. This course provides a conceptual base for students to assess, diagnose, and clinically manage older adults as they respond to acute and chronic health problems. **P or CO: NUR 606, NUR 651, NUR 694 or IC.**

NUR 758 Program Development & Evaluation with Community Clients (3) II

NUR 758 integrates in-depth knowledge of community health assessment and collaboration skills to provide evidence-based care for communities and populations. Content includes program design and evaluation strategies from the domains of nursing, public health, environmental health, occupational health and education. Disaster preparedness and the leadership roles and responsibilities of public health specialists are explored. This course assists the student to enhance knowledge and skills needed to effectively collaborate with community partners to design effective programs and policies and measure their success. **P: NUR 698, NUR 699; NUR 686 and NUR 692 (Advanced Public Health/Global Health Nursing students only). CO: NUR 769.**

NUR 759 Practicum IV: Adult Acute Care Nurse Practitioner (2) II

NUR 759 focuses on the development of the adult acute care nurse practitioner role by providing health care services to adults across the lifespan in acute care settings. The course emphasizes the diagnosis and treatment of a full range of common acute and chronic health problems of young, middle age and older adults and their families in acute and critical care settings. **P: NUR 746, NUR 749; CO: NUR 747; NUR 899.**

NUR 760 Practicum IV: Adult Nurse Practitioner (2) II

NUR 760 allows students to continue the development of the adult nurse practitioner role by providing health care services to individuals, families and groups in primary care settings. This course emphasizes further development of clinical assessment and diagnostic reasoning skills and the diagnosis and treatment of common acute and chronic health problems of adults who present and are treated predominantly in primary care settings. **P: NUR 720; NUR 724 CO: NUR 899; P or CO: NUR 684.**

NUR 761 Practicum IV: Family Nurse Practitioner (2) II

NUR 761 allows students to continue the development of the family nurse practitioner role by providing health care services to patients in primary care settings. This course emphasizes further development of clinical assessment and diagnostic reasoning skills and the diagnosis and treatment of common acute and chronic health problems of adults, pregnant women and children. **P: NUR 720, 721, 722; CO: NUR 899; P or CO: NUR 684.**

- NUR 762 Integrating Advanced Neuroscience and Psychopharmacotherapeutics (3) S**
 NUR 762 provides students with an introduction to the neurosciences and the role the specialty plays in the understanding of the genetics, pathophysiology, diagnosis, and psychopharmacotherapeutic treatment of behavioral health disorders. Building on the principles in the advanced pathophysiology and advanced pharmacology courses, NUR 762 emphasizes the relationships between neurobiology, symptomatology, and the implications for pharmacological intervention for common adult mental disorders. The major classifications of psychotropic medication and adjunct medications are highlighted with emphasis on the role of the psychiatric nurse practitioner in the pharmacologic treatment of presenting symptoms for major mental disorders. **P: NUR 606, NUR 651.**
- NUR 763 Differential Diagnosis of Adult Behavioral Health Problems (3) S**
 NUR 763 allows students to apply the diagnostic reasoning process contained in, and associated with, the Diagnostic and Statistical (DSM) Manual. This course emphasizes the methods for determining differential diagnoses for common mental disorders. Using various teaching and learning modalities, students discuss common presenting psychiatric symptoms in adults and their relationship to a DSM diagnosis. The structured diagnostic interview, physical examinations appropriate to the presenting symptoms, diagnostic and laboratory tests, and alternative diagnostic tests, such as the psychological examination, are discussed as methods to discern the nature of symptoms and the corresponding psychiatric diagnosis. **P: NUR 676, NUR 694, NUR 695; CO: NUR 765; Pre or CO: NUR 693.**
- NUR 764 Psychotherapeutic Modalities for Behavioral Health Problems (3) I**
 NUR 764 provides the student with an advanced discussion of current counseling, psychotherapy, and psycho-educational models. Various therapeutic approaches, including but not limited to cognitive behavioral therapy, dialectical behavior therapy, psychodynamic/psychoanalytic psychotherapy, motivational interviewing, and crisis intervention, are highlighted in this course. The student is exposed to both theoretical and practical applications of the models and each is associated with the population with which there is empirical support for use of that approach. **P: NUR 762; NUR 763, 765; NUR 687. CO: NUR 766.**
- NUR 765 Practicum II: Adult Psychiatric and Mental Health Nurse Practitioner (1) S**
 NUR 765 provides students the opportunity to collaborate with preceptors to conduct a comprehensive physical and mental health assessment, synthesize data from multiple sources, and determine an appropriate diagnosis for adult patients experiencing psychiatric disorders. In addition, in collaboration with their preceptor, students address medication management from prescription to effectiveness and side/adverse effects. **P: NUR 676, NUR 694, NUR 695 CO: NUR 763; P or CO: NUR 685.**
- NUR 766 Practicum III: Adult Psychiatric and Mental Health Nurse Practitioner (2) I**
 NUR 766 provides advanced practice students with the knowledge and skills necessary to effectively conduct individual therapy sessions in in-patient or community-based settings. Using evidence from interdisciplinary literature, selected models, theories, and research related to psychiatric disorders, their etiologies, and psychopharmacologic and nonpsychopharmacologic therapies, students use the care management model to direct the management of the individual adult patient seeking psychiatric care. The course addresses ethical challenges related to individual therapy and the advanced practice nurse's role in addressing these challenges. Students are expected to show continuous awareness of self and the impact of the self on the therapeutic relationship. **P: NUR 765; CO: NUR 764; P or CO: NUR 686.**
- NUR 767 Practicum IV: Adult Psychiatric and Mental Health Nurse Practitioner (2) II**
 NUR 767 continues to build on the knowledge and skills from NUR 766 and the advanced care management of individual adult patients with psychiatric disorders. Evidence-based practice guides the direct management of care of the adult patient seeking psychiatric care. NUR 767 provides students with the knowledge and skills necessary to effectively conduct group therapy sessions in the in-patient or community-based setting. Using evidence from interdisciplinary literature, selected models, theories, and research related to the structure and dynamics of group and the role of the advanced practice nurse are highlighted. The care management process model directs the students' role in conducting group therapy sessions. This course addresses ethical challenges related to conducting group therapy and the

advanced practice nurse's role in addressing these challenges. **P: All required research and theory core, leadership and policy core, role support core and specialty and role core courses (MS degree seeking students); NUR 766. CO: NUR 768; NUR 899 (1 credit) (DNP degree seeking students).**

- NUR 768 Seminar: Readings in Psychotherapeutic Modalities (2) II**
NUR 768 provides students with a continuation of the advanced discussion of counseling, psychotherapy, and psycho-educational models, begun in NUR 764. Various therapeutic approaches, including cognitive behavioral therapy, dialectical behavior therapy, psychodynamic/psychoanalytic psychotherapy, motivational interviewing, and crisis intervention, are discussed. Diagnosis specific treatment approaches, founded in specific models, are examined in depth and are evaluated with regard to evidenced based practice. Students are expected to explore a model in more depth as it relates to a specific psychiatric diagnosis for the adult population. **P: NUR 764; CO: NUR 767.**
- NUR 769 Practicum IV: Program Development and Evaluation with Community Clients (2)**
NUR 769 is a preceptor-supervised practice course for advanced public health/global health nursing students. Students synthesize knowledge and skills learned in previous courses and in nursing practice to develop, implement, and evaluate programs for populations and communities. As they work with preceptors, interdisciplinary teams, and public/community partners, students continue to develop advanced public health nursing practice competencies. **P: NUR 698, NUR 699; CO: NUR 758, NUR 899 (For DNP students only).**
- NUR 787 Organizational Transformation (3) II**
In NUR 787, students focus on maximizing the human resource potential within the organization. Students analyze the factors commonly associated with healthy work environments, and explore the impact of interprofessional collaboration and other evidenced-based management practices on professional nursing practice, performance, clinical outcomes, risk, and safety. Students examine ethical, legal, and regulatory policies and issues in human resource management. **P: NUR 686, 688, 690, NDR 600, NDR 604, NUR 704. CO: NUR 788; P or CO: NDR 608, NDR 611.**
- NUR 788 Practicum: Organizational Transformation (4) II**
NUR 788 examines the organization for characteristics associated with healthy work environments and makes recommendations for the application of evidence based management practices as needed to improve professional nursing practice. Federal and state regulations are reviewed and assessed for their impact on organizational performance, clinical outcomes, risk, and safety. Students evaluate individual, group, and team performance within their organizations, and develop strategies for creating and sustaining a culture where quality and safety are paramount. The use of decision support systems to analyze structures, processes, and outcomes are incorporated. **P or CO: NUR 787; CO: NUR 899.**
- NUR 795 Directed Independent Study (1-6) I, II, S**
Independent project on a topic designed by the student with approval of the advisor and program chair.
- NUR 796 Directed Independent Study (1-6) I, II, S**
Independent project on a topic designed by the student with approval of the adviser and program chair. This course is graded Satisfactory/Unsatisfactory.
- NUR 799 Master's Thesis (3) I, II**
NUR 799 is designed to assist the student in the preparation of the master's thesis. The thesis must demonstrate independent work based in part upon original material. Replication of studies is encouraged, explicitly when new digressions and/or innovative applications are involved. The thesis should present evidence of the student's thorough acquaintance with the literature of a limited field in nursing practice, administration and/or education. The student must be able to identify a researchable problem, prepare an acceptable proposal, collect and analyze data, write the thesis, and successfully complete an oral defense of the final document. **P: NUR 605.**

- NUR 801 Practicum V: Adult Psychiatric and Mental Health Nurse Practitioner (2) S**
Preceptor-supervised practicum experiences will allow Adult Psychiatric and Mental Health Nurse Practitioner students to continue to employ evidence-based protocols, practice guidelines, and standards of care when providing direct care services to adults in individual and/or group therapy. Using the care management process model, the nurse-patient relationship models, and evidence-based practice guidelines and standards of care as context, advanced practice nursing students will implement culturally sensitive treatment plans, in collaboration with the interprofessional team, to treat acute and chronic psychiatric disorders and minimize co-morbid complications. Students will explore a current mental health policy issue/question pertinent to their area/setting of practice. Students will identify and work with stakeholders to develop strategies to promote policy change at the local, state and/or national level. **P: NUR 764, NUR 767, NUR 899; CO: NUR 899; P or CO: NUR 704.**
- NUR 802 Practicum VI: Adult Psychiatric and Mental Health Nurse Practitioner (3)**
NUR 802 builds on the competencies developed during NUR 765, NUR 766, NUR 767, and NUR 768. Preceptor-supervised practicum experiences allow Adult Psychiatric and Mental Health Nurse Practitioner students to continue to employ evidence-based practice guidelines, and standards of care when providing direct care services to adults in individual and/or group therapy. Using the care management process model, the nurse-patient relationship models, and evidence-based practice guidelines as context, advanced practice nursing students will implement culturally sensitive treatment plans, in collaboration with the interprofessional team, to treat acute and chronic psychiatric disorders and minimize co-morbid complications. Students will address current public and private funding mental health funding mechanisms, the dynamics of managed care and the implications for structuring the delivery of mental health services to optimize cost-quality care outcomes. **P: NUR 801; NUR 899; CO: NUR 899; P or CO: NUR 692.**
- NUR 803 Practicum IV: Pediatric Acute Care Nurse Practitioner (2) II**
NUR 803 is a preceptor-supervised practicum course for pediatric acute care nurse practitioner students. It allows students to continue the development of the pediatric acute care nurse practitioner role by providing health care services to pediatric patients and their families in the acute care setting. Students will further develop clinical assessment and diagnostic reasoning skills and diagnose and treat common and more complicated acute episodic and chronic health problems of pediatric patients in the acute care setting. **CO: NUR 711; NUR 899.**
- NUR 804 Practicum V: Pediatric Acute Care Nurse Practitioner (2) S**
NUR 804 is a preceptor-supervised practicum course for pediatric acute care nurse practitioner students. It allows students to develop competence in the pediatric acute care nurse practitioner role by providing health care services to pediatric patients and their families in the acute care setting. As students diagnose and treat a full range of common acute and chronic health problems of pediatric patients with a wide range of acuity, they apply principles of epidemiology and concepts and theories related to health care policy and law within the health care setting and the profession. **P: NUR 684, NUR 704, NUR 711, NUR 803, NUR 899. CO: NUR 899.**
- NUR 805 Practicum VI: Pediatric Acute Care Nurse Practitioner (2) I**
NUR 805 is a preceptor-supervised practicum course for pediatric acute care nurse practitioner students. It allows students to develop competence in the pediatric acute care nurse practitioner role by providing health care services to pediatric patients and their families in the acute care setting. As students diagnose and treat a full range of common acute and chronic health problems of pediatric patients with a wide range of acuity, they apply principles of systems and dispute systems design, conflict resolution, and group process facilitation while implementing evidence-based quality improvement projects. **P: NUR 804, NUR 899. CO: NUR 899; P or CO: NDR 600 or NDR 611, NDR 604, NDR 608.**

NUR 864 Public Health Leadership (3) I

NUR 864 explores a variety of issues in public health including health disparities, social justice/injustice, and environmental health concerns. Students study the application of leadership strategies in the solution of complex problems in public health and challenges of the 21st century. With a focus on leadership with multi-disciplinary teams, students address organizational and management issues in the delivery of public health services. Students analyze public health case studies through a variety of perspectives including political, legal, social, economic, and epidemiological within the frameworks of social justice and Ignatian values. **P: NUR 758, NUR 769, NUR 704. CO: NUR 865; P or CO: NDR 604, 608, 600 or NDR 611.**

NUR 865 Practicum V: Public Health Leadership (2) I

NUR 865 is a preceptor-supervised practice course for advanced public health/global health nursing students prior to residency. Students focus on implementing public health leadership principles in the collaborative solution of complex issues of populations and communities. Building on the knowledge and skills from previous coursework and in nursing practice, students continue to focus on developing advanced public health nursing competencies emphasizing interdisciplinary leadership. Students work with preceptors and mentors as well as interdisciplinary colleagues to understand the day-to-day workings of public health organizations at a variety of levels. **P: NUR 758, NUR 769, NUR 899. CO: NUR 864; P or CO: NUR 899.**

NUR 866 Practicum V: Adult Acute Care Nurse Practitioner (2) S

NUR 866 focuses on the development of the adult acute care nurse practitioner role at the doctoral level by providing health care services to adults across the lifespan and their families in acute and critical care settings. The course emphasizes the diagnosis and treatment of a full range of common acute and chronic health problems of young, middle age and older adults and their families in acute and critical care settings. Students apply principles of epidemiology and concepts and theories related to health care policy and law within the health care setting and the profession. **P: NDR 604, NUR 684, NUR 704, NUR 747, NUR 759, NUR 899; CO: NUR 899.**

NUR 867 Practicum VI: Adult Acute Care Nurse Practitioner (2) I

NUR 867 focuses on the development of the adult acute care nurse practitioner role at the doctoral level by providing health care services to adults across the lifespan in acute care settings. The course emphasizes the diagnosis and treatment of a full range of common acute and chronic health problems of young, middle age and older adults and their families in acute and critical care settings. Students apply principles of systems and dispute systems design, conflict resolution, and group process and facilitation while implementing evidence-based quality improvement projects. **P: NUR 866, NUR 899; CO: NUR 899; P or CO: NDR 600 or NDR 611; NDR 608.**

NUR 868 Practicum V: Family Nurse Practitioner (2) S

NUR 868 allows students to continue the development of the family nurse practitioner role by providing health care services to patients in primary care settings. This course emphasizes further development of clinical assessment and diagnostic reasoning skills and the diagnosis and treatment of common acute and chronic health problems of adults, pregnant women and children in primary care settings. This course applies principles of epidemiology and concepts and theories related to health care policy and law within the health care setting and the profession. **P: NUR 761; 899; CO: NUR 899; P or CO: NUR 617.**

NUR 869 Practicum VI: Family Nurse Practitioner (2) I

NUR 869 allows students to continue the development of the family nurse practitioner role by providing health care services to patients in primary care settings. This course emphasizes further development of clinical assessment and diagnostic reasoning skills and the diagnosis and treatment of common acute and chronic health problems of adults, pregnant women and children. This course applies principles of systems and dispute systems design, conflict resolution, and group process facilitation while implementing evidence-based quality improvement projects. **P: NUR 868, 899; CO: NUR 899; P or CO: NUR 692; NDR 600 or NDR 611; NDR 608; NDR 604.**

- NUR 870 Practicum V: Adult Nurse Practitioner (2) S**
NUR 870 allows students to continue the development of the adult nurse practitioner role by providing health care services to adult patients in primary care settings. This course emphasizes further development of clinical assessment and diagnostic reasoning skills and the diagnosis and treatment of common acute and chronic health problems of adults in primary care settings. This course applies principles of epidemiology and concepts and theories related to health care policy and law within the health care setting and the profession. **P: NUR 760; 899(1); CO: NUR 899; P or CO: NUR 617.**
- NUR 871 Practicum VI: Adult Nurse Practitioner (2) I**
NUR 871 allows students to continue the development of the adult nurse practitioner role by providing health care services to adults in primary care settings. This course emphasizes further development of clinical assessment and diagnostic reasoning skills and the diagnosis and treatment of common acute and chronic health problems of adults in primary care settings. This course applies principles of systems and dispute systems design, conflict resolution, and group process facilitation while implementing evidence-based quality improvement projects. **P: NUR 870, 899; CO: NUR 899; P or CO: NDR 608; NDR 600 or NDR 611.**
- NUR 872 Practicum IV: Clinical Nurse Specialist (2) II**
NUR 872 is a preceptor-supervised practicum course for students in the Doctor of Nursing Practice Degree program in which students continue to develop competence in the Clinical Nurse Specialist role. The scope of practice of clinical nurse specialists is comprised of competencies in three overlapping spheres of influence: 1) patient, 2) nurse, and 3) system. While continuing to focus on their target population of patients and nursing practice with that population, students in this course emphasize the development of the system sphere of influence. Through participation in system level committees and projects, students learn to empower nurses to develop caring, evidence-based practices to alleviate patient distress, facilitate ethical decision-making, and respond to diversity. **P: NUR 728; CO: NUR 747 or NUR 702 or NUR 711; NUR 899.**
- NUR 873 Practicum V: Clinical Nurse Specialist (2) S**
NUR 873 is a preceptor-supervised practicum course for students in the Doctor of Nursing Practice Degree program in which students demonstrate competence in the patient, nurse, and system spheres of influence of the Clinical Nurse Specialist role. In this course, students apply principles of epidemiology and concepts and theories related to health care policy and law with the goal of empowering nurses to develop caring, evidence-based practices to alleviate patient distress, facilitate ethical decision-making, and respond to diversity. **P: NDR 604; NUR 684; NUR 704; NUR 872; NUR 899. CO: NUR 899.**
- NUR 874 Practicum VI: Clinical Nurse Specialist (2) I**
NUR 874 is a preceptor-supervised practicum course for students in the Doctor of Nursing Practice Degree program in which students demonstrate competence in the patient, nurse, and system spheres of influence of the Clinical Nurse Specialist role. In this course, students apply principles of systems and dispute systems design, conflict resolution, and group process facilitation as they begin to implement their evidence-based quality improvement projects. **P: NUR 873; 899; CO: 899; P or CO: NDR 600 or NDR 611; NDR 608.**
- NUR 875 Practicum IV: Neonatal Nurse Practitioner (2) II**
NUR 875 is a preceptor-supervised practicum course designed to continue the development of the neonatal nurse practitioner role by focusing on providing care to a group of critically-ill infants in a Level III NICU. The emphasis of the course is on developing competence in diagnosing and treating common neonatal conditions. It includes examining the influence of policy and law on neonatal health care as well as the advanced practice role. **P: NUR 644; CO: NUR 702; NUR 899.**
- NUR 876 Practicum V: Neonatal Nurse Practitioner (2) S**
NUR 876 is a preceptor-supervised practicum course designed to continue the development of the neonatal nurse practitioner role by focusing on providing care to all neonatal patients in a Level III NICU. The emphasis of the course is on continuing to develop competence in diagnosing and treating the most complex neonatal conditions. Special emphasis is placed on collaboration and working in interdisciplinary teams. **P: NUR 875, 899; CO: NUR 899.**

- NUR 877 Practicum VI: Neonatal Nurse Practitioner (3) I**
NUR 877 is a preceptor-supervised practicum course designed to develop competency in the neonatal nurse practitioner role. Students complete a trajectory from novice to competent advanced practice nurse by providing care to a critically-ill and highly complex group of infants in a Level III NICU. The emphasis on the course is in developing competence in diagnosing and treating a full range of common and complex disorders seen in the neonatal population and their family situations. **P: NUR 876, 899; CO: NUR 899.**
- NUR 886 Residency: Advanced Public Health/Global Health Nursing (5) II**
NUR 886 is a role immersion course and the final practicum for the advanced public health/global health nursing students. Students engage in the role of advanced public health nurse consistent with the end-of-program competencies. Students function collaboratively in a public health setting to develop and evaluate a practice improvement project and specify implications for practice, research, policy, and education. **P: All required research and theory core, leadership and policy core, role support and role specialty courses.**
- NUR 887 Residency: Adult Psychiatric and Mental Health Nurse Practitioner (5) I, II, S**
NUR 887 is designed as the residency course for Adult Psychiatric and Mental Health Nurse Practitioner students. Under the direct supervision of a qualified preceptor, students continue to engage in the role of the advanced practice nurse consistent with the essential competencies of doctoral education for advanced nursing practice. Under the direction of the faculty/project advisor, students complete the process of implementing, evaluating, and disseminating their evidence-based quality improvement projects and specify implications for practice, research, policy, and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**
- NUR 888 Executive Leadership (3)**
NUR 888 focuses on the nurse leader's role in maximizing an organization's strategic performance through ethical leadership and empowered collaboration. Students engage in analytic and dialectic approaches to address challenges to organization availability and issues influencing organizational performance, such as uncompensated care, competition, consumerism, capital needs associated with technology innovations, and facility renovation and expansion. Students formulate policies and plans for ensuring the development and availability of appropriate resources to support the mission, strategic initiatives and quality goals of the practice environment and comply with regulatory and national standards. **P: MBA 701; NUR 788; NUR 899; CO: NUR 899; P or CO: MBA 711; MBA 741.**
- NUR 889 Practicum for Executive Leadership (4) I**
NUR 899 students apply theories, principles and concepts from the prior clinical systems administration courses. Using principles of ethical leadership, negotiation, and empowered collaboration, students engage in the leadership role in maximizing the organization's strategic performance. Students progress toward implementing and evidence-based proposal for improving practice, microsystems, organizations, systems, and/or public policy. Students conduct an analysis of an organization's position vis-à-vis major issues impacting organization performance. **P: NUR 888; NUR 899, MBA 711, MBA 741; CO: NUR 899.**
- NUR 890 Residency: Adult Acute Care Nurse Practitioner (5) I, II, S**
NUR 890 is the role immersion course for students in the Doctor of Nursing Practice Program. Students engage in the role of the advanced practice nurse consistent with competencies of acute care nurse practitioners and the essential competencies of doctoral education for advanced nursing practice. Students complete the process of implementing, evaluating, and disseminating evidence based quality improvement projects and specify implications for practice, research, policy and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**
- NUR 891 Residency: Clinical Nurse Specialist (5) I, II, S**
NUR 891 is the role immersion course for students in the Doctor of Nursing Practice Degree Program. Students continue to engage in the role of the advanced practice nurse consistent with the entry level competencies of clinical nurse specialists and the essential competencies of doctoral education for advanced nursing practice. Students complete the process of implementing, evaluating, and disseminating scholarly projects and specify implications for practice, research, policy, and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**

NUR 892 Residency: Adult Nurse Practitioner (5) I, II, S

NUR 892 is the role immersion course for students in the Doctor of Nursing Practice Program. Students engage in the role of the advanced practice nurse consistent with the essential competencies of doctoral education for advanced nursing practice. Students complete the process of implementing, evaluating, and disseminating evidence based quality improvement projects and specify implications for practice, research, policy and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**

NUR 893 Residency: Family Nurse Practitioner (5) I, II, S

NUR 893 is the role immersion course for students in the Doctor of Nursing Practice Program. Students engage in the role of the advanced practice nurse consistent with the essential competencies of doctoral education for advanced nursing practice. Students complete the process of implementing, evaluating, and disseminating evidence based quality improvement projects and specify implications for practice, research, policy and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**

NUR 894 Residency: Neonatal Nurse Practitioner (5) I, II, S

NUR 894 is designed as the residency course for Neonatal Nurse Practitioner students in the DNP program in which students are immersed in their advanced practice nursing role. Under the direct supervision of a qualified preceptor, students are expected to use in-depth theoretical knowledge, evidence-based practice and advanced neonatal management skills and techniques, students will develop strategies to promote the neonatal nurse practitioner role. Under the direction of the faculty/project advisor, students complete the process of implementing, evaluating, and disseminating their evidence-based quality improvement projects and specify implications for practice, research, policy, and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**



- NUR 895 Seminar: Clinical Systems Administration (2) II**
 NUR 895 is designed for students to share issues and experiences from the final practicum and demonstrate the integration of advanced and specialized knowledge and skills when implementing their roles in the management of care delivery systems. Students use a systematic process of moral reasoning and values based dialogue to address ethical dilemmas and situations, and apply communication, collaborative, and dispute resolution skills and techniques in analyzing and resolving complex issues. Students engage in policy analysis for the improvement of health care. **CO: NUR 896.**
- NUR 896 Residency: Clinical Systems Administration (4) II**
 NUR 896 is the final practicum experience for clinical systems administration students. Students engage in the role of the nurse executive consistent with the end of program competencies. Students implement and evaluate the outcomes of the ir practice improvement project and specify implications for practice, research, policy and education. The results of the project will be disseminated. **P: NUR 889, 899; CO: NUR 895.**
- NUR 897 Residency: Advanced Practice Nurse (5) I, II, S**
 NUR 897 is the final practicum experience for post-master's advanced practice nursing students in the doctor of nursing practice degree program in which they continue the development of their current role and/or specialty. Students engage in the role of the advanced practice nurse consistent with competencies of their particular specialty and the essential competencies of the doctoral education for advance nursing practice. Under the direction of the faculty/project advisor, students complete the process of implementing, evaluating, and disseminating their evidence-based quality improvement projects and specify implications for practice, research, policy, and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**
- NUR 898 Residency: Ped Acute Care Nurse Practitioner (5) I, II, S**
 NUR 898 is the role immersion course for students in the Doctor of Nursing Practice Program. Students engage in the role of the advanced practice nurse consistent with competencies of pediatric acute care nurse practitioners and the essential competencies of doctoral education for advanced nursing practice. Students complete the process of implementing, evaluating, and disseminating evidence based quality improvement projects and specify implications for practice, research, policy and education. **P: All required Research and Theory Core, Leadership and Policy Core, Role Support, and Role Specialty Courses.**
- NUR 899 DNP Scholarly Project Seminar (1-3) I, II, S**
 NUR 899 is designed to document a synthesis of the student's educational experiences, growth and knowledge and expertise in an area of nursing practice. Students choose a project that allows them to collaborate with scholars from nursing and other disciplines to design, manage, and evaluate clinical practices and organizational systems. This project serves as a foundation for future scholarly practice. **Please note:** The student completes a total of 3 credit hours in NUR 899, during which he or she develops the Scholarly Project. NUR 899 is taken in 1- or 2-hour increments.. Once a student has enrolled in the first hour of NUR 899, the student must continue to enroll in a minimum of one credit hour of NUR 899 until all prerequisites for the Residency Course have been met. An "I" (Incomplete) is received until all NUR 899 course requirements have been completed and the student is eligible to enroll in the Residency course. This course is graded satisfactory/unsatisfactory. **P: Admission into Post-master's DNP Degree Program and NUR 686 (or its equivalent); NUR 686 (for students in the post-baccalaureate to DNP Degree Program); CO: Practicum Courses in Role Specialty (for students in the post-baccalaureate to DNP Degree Program).**