# Nursing

## Department Information

<table>
<thead>
<tr>
<th>College of Nursing Administrative Staff</th>
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<tbody>
<tr>
<td>Interim Dean</td>
<td>Heather Hall</td>
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<td>Associate Dean for Research/Development</td>
<td>Sharon Fruh</td>
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<td>Assistant Dean for Clinical Affairs</td>
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<td>Rebecca Graves</td>
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</tbody>
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**Professors**
- L. Chilton, S. Fruh, J. Gunn, H. Hall, J. Harris, A. Smith, E. VandeWaa, J. Varner

**Associate Professors**

**Assistant Professors**

**Senior Instructors**
- S. Bertolla, S. Bihan, C. Herf, M. Meyer

**Instructors**

**Interim Department Chair, Adult Health Nursing**
- Theresa Wright

**Department Chair, Community/Mental Health Nursing**
- Todd Harlan

**Interim Department Chair, Maternal/Child Health Nursing**
- Leigh Minchew

**Director, Academic Advising**
- Mary Phillips

**Academic Advisors**
- Jennifer Bouvier, Leigh Holland, Brennen Mallet, Camry McCants, Brenda Mosley, Kim Mundy, Kristyn Seawell

College of Nursing website
http://www.southalabama.edu/colleges/con/

The College of Nursing is dedicated to the education of professional nurses who provide the highest quality health care to the communities they serve. The practice of nursing is both an art and a science; the focus of nursing is the diagnosis and treatment of human responses to actual or potential health problems.
The College of Nursing has two locations, one is on the USA main campus, and the other is on the USA Baldwin County campus in downtown Fairhope. The resources of the University, the USA Hospitals and clinics, and the numerous clinical agencies provide excellent opportunities for students to acquire the knowledge and skills essential for professional nursing.

**Mission**

The mission of the College of Nursing is to provide quality innovative educational programs to a diverse student body, to participate in research and scholarly activities, and to provide service to the University, the profession, and the public. The College accomplishes this by providing a caring, engaging environment for the empowerment of student learning potential, the professional development of faculty, and the promotion of the nursing profession.

**Goals**

1. Cultivate a caring, innovative, and engaging environment to facilitate teaching, learning, scholarship, and service.
2. Deliver innovative quality nursing programs that meet the needs of a diverse student body and other communities of interest.
3. Promote the discovery, communication, and preservation of knowledge through scholarly activities and leadership.
4. Provide service to the University, the profession, and the public.
5. Develop community partnerships to promote nursing and the enhancement of the health care delivery system using interprofessional approaches.

**Accreditation**

The baccalaureate program is approved by the Alabama Board of Nursing and the baccalaureate, master's, doctor of nursing practice, and post-graduate APRN certificate programs are accredited by the Commission on Collegiate Nursing Education (One Dupont Circle, NW, Suite 530, Washington, D.C. 20036-1120: Telephone (202)877-6791).

**Application Procedures**

Application forms are available on the College of Nursing's web site. A ($50.00 for BSN; $100.00 for MSN or DNP) non-refundable application fee must be submitted with the application. Money orders or personal checks ($20.00 fee on returned checks) are acceptable. MSN and DNP applicants are also required to complete a primary application in Nursing CAS at www.Nursingcas.org. Fall semester admission applications should be submitted by March 15 for the BSN program and February 15 for the MSN, DNP, and Post-Graduate Certificate programs. Spring semester admission applications should be submitted by July 15 for the BSN, MSN, DNP, and Post-Graduate Certificate programs. Summer semester admission applications should be submitted by January 15 for BSN program and November 15 for the MSN and Post-Graduate Certificate programs. Applications received at other times will be considered on a space available basis for RN-BSN track only. Students who choose not to attend during the term in which they are accepted, are not permitted to roll admission status to another semester. Students who wish to be considered for a future semester must reapply, pay another application fee, and compete with other applicants without guarantee of acceptance. Students who drop out of the program for two or more consecutive semesters must apply for readmission through the Office of the Registrar. Readmission is not automatic. Students not accepted during a certain term must submit a new application for admission to another term.

**Student Responsibility**

While the University of South Alabama will endeavor to provide timely and accurate advisement, it is the responsibility of the student to know and satisfy the degree requirements of the academic program, to be aware of the University calendar, http://www.southalabama.edu/academiccalendar/index.html and to understand and comply with University academic policies and procedures.

**Degrees Offered**

The College of Nursing offers the Bachelor of Science in Nursing (BSN) degree, the Master of Science in Nursing (MSN) degree, and the Doctor of Nursing Practice (DNP) degree.

**Certificates Offered**

Post-Graduate Certificates are awarded to students completing planned programs of study in a nursing specialty area and subspecialty areas.
Areas Of Study

MSN Clinical Nurse Leader Bridge to DNP Executive Nursing Administration Pathway
Nursing (BS) - Accelerated
Nursing (BSN) - RN-BSN
Nursing (BSN) - Traditional
Nursing (MSN) - BSN-Prepared RN's
Nursing (MSN) - RN to BSN/MSN
Nursing (MSN) - RN-MSN with Non-Nursing Baccalaureate
Nursing Practice (DNP) - BSN to DNP
Nursing Practice (DNP) - MSN to DNP Adding a New Certification Area
Nursing Practice (DNP) - MSN to DNP for Advanced Practice Roles
Nursing Subspecialty Options
Post-Graduate Certificate

Courses

Adult Health Nursing (AHN)

AHN 347 Adult Health Nursing I 3 cr
Provides the opportunity to analyze theories, concepts, research, issues and trends in caring for adults with basic and commonly occurring health care needs. Content includes internal and external environmental factors affecting the health of adults with basic and commonly occurring health care needs. Emphasis is on the role of the professional nurse in health promotion and maintenance, illness care, and rehabilitation of adults.
Co-requisite: AHN 348
Pre-requisite: NU 327 Minimum Grade of C and (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and NU 325 Minimum Grade of C and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C) and HSC 342 Minimum Grade of C and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C). NU 327 can be taken concurrently with this course.

AHN 348 Adult Health Nsg Clinical I 3 cr
Clinical practice course in adult health nursing. The focus is on application of theories, concepts, research, issues and trends in caring for adults with basic and commonly occurring health care needs. Emphasis is on the role of the professional nurse and on the use of the nursing process with adults experiencing basic and commonly occurring health care needs and their families.
Co-requisite: AHN 347
Pre-requisite: NU 327 Minimum Grade of C and NU 325 Minimum Grade of C and (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C) and HSC 342 Minimum Grade of C and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C). NU 327 can be taken concurrently with this course.

AHN 447 Adult Gerontological Nursing 5 cr
Synthesize theories, concepts, research, issues and trends in caring for adult gerontological population with complex multisystem health care needs. Emphasis is on the role of the professional nurse in health promotion and maintenance, illness care, and rehabilitation of adult gerontological population in a variety of acute and community settings.
Co-requisite: AHN 448
Pre-requisite: CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C and MCN 347 Minimum Grade of C and MCN 348 Minimum Grade of C.

AHN 448 Adult Gerontological Nsg Clin 4 cr
The focus of this course is the application of theories, concepts, evidence, issues and trends in caring for adult gerontological population experiencing complex multisystem health care needs. Emphasis is on the role of the professional nurse and on the use of the nursing process with adult gerontological population experiencing complex multisystem health care needs and their families.
Co-requisite: AHN 447
Pre-requisite: CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C and MCN 347 Minimum Grade of C and MCN 348 Minimum Grade of C.
AHN 516  CNS Adult Geron Pract I  3 cr
The purpose of this precepted practicum course is to provide students an immersion experience in the CNS role with adult and geriatric populations in the promotion of health and wellness across the lifespan from early adult to the frail elderly. The focus of the course is to develop the CNS's ability to assimilate and apply evidence-based information in the design, implementation and evaluation of nursing care activities, nursing practice standards and norms, and influencing organizations to support the delivery of nursing care and achievement of optimal health outcomes for a specified population. The emphasis of course is on the patient and nurses and nursing practice spheres. The student should participate in activities that include direct interactions with patients and families to promote health and well-being, consultation and with disciplines, coaching of patient, families and nurses, development of evidenced based policies, guidelines, or protocols; guiding the education of other nursing personnel to improve patient outcomes; and implementing practices that improve quality and promote cost-effective outcomes.
Co-requisite: NU 515

AHN 517  CNS Adult Geron Pract II  3 cr
The purpose of this precepted practicum course is to provide students an immersion experience in the CNS role in early adult to the frail elderly populations with acute health problems in a selected area of nursing practice. The focus of the course is to develop the CNS’s ability to assimilate and apply evidence based information in the design, implementation and evaluation of nursing care activities, nursing practice standards and norms, and influencing organizations to support the delivery of nursing care and achievement of optimal health outcomes for a specified population. The emphasis of the course is on the patient, nurses, and nursing practice spheres. The student should participate in activities that include direct interactions with patients and families to promote health and well-being, consultation and with disciplines, coaching of patient, families and nurses, development of evidenced based policies, guidelines, or protocols; guiding the education of other nursing personnel to improve patient outcomes; and implementing practices that improve quality and promote cost-effective outcomes.

AHN 518  CNS Adult Geron Pract III  3 cr
The purpose of this precepted capstone course is to provide students an immersion experience in the CNS role with adult and geriatric populations experiencing chronic health problems and exacerbations of chronic health problems in a selected area of nursing practice. The focus of the course is to develop the CNS’s ability to assimilate and apply evidence based information in the design, implementation and evaluation of nursing care activities, nursing practice standards and norms, and influencing organizations to support the delivery of nursing care and achievement of optimal health outcomes for a specified population. The emphasis of course is on patients, nurses and nursing practice, and the organization/system sphere. The student should participate in activities that include the direct care of patients, development of evidenced based policies, guidelines, or protocols; guiding the education of other nursing personnel to improve patient outcomes; and implementing practices that improve quality and promote cost-effective outcomes.
Co-requisite: NU 517
Pre-requisite: NU 516 Minimum Grade of C and AHN 517 Minimum Grade of C and NU 607 Minimum Grade of C and NU 613 Minimum Grade of C and NU 610 Minimum Grade of C.

AHN 519  Diag Reason & Adv Pat Mgt CNS  4 cr
The purpose of this elective course is for the CNS to integrate advanced pharmacology, pathophysiology, and assessment for the diagnosis and management of acute and chronic problems of the adolescent/adult/old adult patients across the continuum of health services. The course focuses on the formulation of differential diagnoses and the development of pharmacologic and non-pharmacologic plans of care for the individual patients rather than aggregates. The emphasis is placed on synthesis and application of evidence-based practice to the development of differential diagnoses as a basis for health promotion and management.
Co-requisite: NU 516

AHN 530  Found Palliative Care/Adv Role  2 cr
This didactic course prepares the Adult-Gerontological with Palliative Care Specialty student a forum for the evaluation of issues and trends encountered by the DNP in palliative care. Students learn to coordinate and develop primary and palliative health care programs for individuals and populations across the adult lifespan. Emphasis is on critical analysis and management of issues by the DNP in an interdisciplinary health care delivery system.

AHN 531  Adv Palliative Cr/End of Life  2 cr
This course provides students an in-depth study of the health care management for patients seeking palliative and end of life care. Emphasis is on the interaction among health care providers and psychological/spiritual care of the patient and family.
Pre-requisite: AHN 530 Minimum Grade of C.
AHN 532  Adv Chronic Illness Care  2 cr
This course provides a study of the illness trajectories of chronic diseases that are among the leading causes of death in our society. Assessment and management of the illnesses as well as associated pain and symptoms will be examined. The focus is assisting patients, families, and other health professionals anticipate/prevent/reduce adverse symptoms from life threatening illnesses to maximize quality of life.
Pre-requisite: AHN 531 Minimum Grade of C.

AHN 533  Adv Palliative Care Practicum  1 TO 9 cr
This course provides preceptor and faculty a facilitated experience in which students have the opportunity to become proficient at providing comprehensive care to patients with life threatening, progressive illness by engaging in holistic assessment of pain and quality of life in a variety of settings. Advanced knowledge of palliative/end of life care will be integrated into assessing and managing the complex psychological, ethical, social, spiritual issues, and grief reactions while working as a member of a palliative care team.
Pre-requisite: AHN 532 Minimum Grade of C.

AHN 538  HPDP Dual Role (FNP/AGACNP)  2 cr
This didactic course prepares the Dual Role (Family NP/Adult-Gerontological Acute Care NP) student to identify and implement appropriate and culturally sensitive health promotion, health protection, and disease prevention strategies across the lifespan for clients in emergency, urgent, and ambulatory care settings. Emphasis is on health promotion, health protection, and disease prevention with strategic planning at the primary, secondary, and tertiary levels. Effective strategies for life-style behavioral changes will also be evaluated.

AHN 548  Family Prim Care NP I  4 cr
The purpose of this didactic course is to prepare (Family NP/Adult-Gerontological Acute Care NP) students to assess, diagnose, and manage selected health care needs of women and childbirth, infants, children, and families in a caring, competent manner. Emphasis is placed on (1) synthesis and application of nursing and related theories and scientific knowledge to the development of differential/nursing diagnoses as a basis for health promotion and management; (2) wellness and the pathophysiology and epidemiology underlying acute and chronic health problems; and (3) collaboration and communication among health care providers in a culturally diverse environment. The focus is on the advanced practice nursing of individuals and families in primary healthcare settings. Co-requisite: AHN 549 Pre-requisite NU 518 Minimum Grade C and NU 545 Minimum Grade of C
Pre-requisite: AHN 549
Pre-requisite: NU 518 Minimum Grade of C and NU 545 Minimum Grade of C. NU 518 and NU 545 can be taken concurrently with this course.

AHN 549  Family Prim Care NP Pract I  4 cr
The purpose of this practicum course is to provide opportunities for Dual Role (Family NP/Adult-Gerontological Acute Care NP) students to apply concepts from AHN 548 in selected clinical settings. The emphasis is on culturally competent delivery of health care, diagnostic reasoning, and decision making/critical thinking through communication and collaboration. The focus is continued refinement of cognitive and clinical skills needed to provide comprehensive health assessments, diagnoses, and management of selected health care needs of women and childbirth, infants, children, and families in primary healthcare settings. Co-requisite: AHN 548
Co-requisite: AHN 548

AHN 550  Family Prim Care NP II  4 cr
This didactic course prepares the Dual Role (Family NP/Adult-Gerontological Dual Role) students to identify and implement appropriate and culturally sensitive health promotion and disease prevention strategies across the lifespan for clients in emergency, urgent, and ambulatory care settings. Emphasis is placed on health promotion and disease prevention with strategic planning at the primary, secondary, and tertiary levels. Prevention, early diagnosis, prompt treatment, and in-depth patient education will be emphasized. Effective strategies for life-style behavioral changes will also be evaluated. Co-requisite: AHN 551 Pre-requisite: NU 578 Minimum Grade of C and AHN 548 Minimum Grade of C
Co-requisite: AHN 551
Pre-requisite: NU 578 Minimum Grade of C and AHN 548 Minimum Grade of C. NU 578 can be taken concurrently with this course.

AHN 551  Family Prim Care NP Pract II  5 cr
The purpose of this course is to provide a preceptor and faculty facilitated experience for Dual Role (Family NP/Adult-Gerontological Acute Care NP) students to practice within an advanced nursing framework. The focus is on the role of the Family Nurse Practitioner in the health care management of children, adults, and families in primary health care settings with the application and synthesis of knowledge and skills acquired from AHN 550 and previous courses. Emphasis is on leadership, professionalism, and collaboration with other health care providers in a culturally diverse environment. Co-requisite: AHN 550
Co-requisite: AHN 550
AHN 552  Adult-Geron Acute Care NP I  4 cr
The purpose of this course is to prepare Dual Role (Family NP/Adult-Gerontological Acute Care NP) students to assess, diagnose, and manage selected health care needs of young and older adults across the wellness-illness continuum in a caring, competent manner. Emphasis is placed on (1) synthesis of theoretical, scientific, and contemporary clinical knowledge used to develop differential diagnoses as a basis for health promotion, disease prevention, and management; (2) wellness and the pathophysiology and epidemiology underlying complex acute, critical, and chronic illness, disability, and/or injury; and (3) collaboration using appropriate processes for patient-centered, quality care in a culturally diverse system.

The focus is on advanced practice nursing with the entire adult-older adult age spectrum and families in emergency, urgent, and ambulatory settings. Co-requisite: AHN 553
Pre-requisite: AHN 538 Minimum Grade of C and AHN 549 Minimum Grade of C and AHN 551 Minimum Grade of C and NU 607 Minimum Grade of C and NU 608 Minimum Grade of C
Co-requisite: AHN 553
Pre-requisite: AHN 538 Minimum Grade of C and AHN 549 Minimum Grade of C and AHN 551 Minimum Grade of C and NU 607 Minimum Grade of C and NU 608 Minimum Grade of C. NU 607 and NU 608 can be taken concurrently with this course.

AHN 554  Adult-Geron Acute Care NP II  4 cr
The purpose of this didactic course is to (1) provide the Dual Role (Family NP/Adult-Gerontological Acute Care NP) students with an in-depth study of the health care management of young adults, adults, and older adults across the wellness-illness continuum and to (2) provide a forum for the critical analysis and evaluation of issues and trends encountered by the Adult-Gerontology Acute Care Nurse Practitioner in an interdisciplinary health care delivery system. Emphasis is on leadership and professionalism in a culturally diverse system. The focus is on ensuring quality, patient-centered care of the adult-older adult population with selected complex acute, critical and chronic illness, disability, and/or injury to improve health outcomes in emergency, urgent, and ambulatory settings. Co-requisite: AHN 555 Pre-requisite: AHN 552 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C
Co-requisite: AHN 555
Pre-requisite: AHN 552 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 610 and NU 613 can be taken concurrently with this course.

AHN 553  Adult-Ger Acute Care NP Prac I  4 cr
The purpose of this practicum course is to provide opportunities for Dual Role (Family NP/Adult-Gerontological Acute Care NP) students to apply concepts from AHN 552 in selected clinical settings. Emphasis is on critical thinking, diagnostic reasoning, differential diagnosis, communication, and collaboration in a culturally diverse system. The focus is refinement of cognitive and clinical skills needed to provide competent patient-centered care to young adults, adults, and older adults across the wellness-illness continuum with acute, critical and chronic illness, disability, and/or injury in emergency, urgent, and ambulatory care settings. Co-requisite: AHN 552
Co-requisite: AHN 552

AHN 555  Adlt-Ger Acute Care NP Prac II  5 cr
The purpose of this practicum course is to provide a preceptor and faculty facilitated experience for Dual Role (Family NP/Adult-Gerontological Acute Care NP) students to practice within an advanced nursing framework by synthesizing and applying the knowledge and skills required in AHN 554 and previous courses. Emphasis is on leadership, professionalism, and collaboration in a culturally diverse system. The focus is on implementing the role of the Adult-Gerontology Acute Care Nurse Practitioner in the health care management of young adults, adults, and older adults across the wellness-illness continuum with acute, critical and chronic illness, disability, and/or injury in emergency, urgent, and ambulatory health care settings. Co-requisite: AHN 554
Co-requisite: AHN 554

AHN 560  Admin & Mgt for Adv Nsg Prac  3 cr
The purpose of this course is to examine concepts and methods of nursing administration. The focus on management of physical, financial, and human resources in dynamic healthcare systems. Emphasis is on leadership, communication, interprofessional team functioning and collaboration, to meet health care needs of culturally diverse populations.
Pre-requisite: NU 607 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 613 can be taken concurrently with this course.
AHN 568 Intro to Adult-Geron Acute NP 3 cr
The purpose of this first didactic course is to prepare
the Adult Geron Acute Care Nurse Practitioner students
to assess, diagnose, and manage selected health care
needs of adults and children. Emphasis is placed on
synthesis and application of nursing and related theories
and scientific knowledge to the development of differential/
nursing diagnoses as a basis for health promotion and
management.
Co-requisite: AHN 571
Pre-requisite: NU 545 Minimum Grade of C and NU 518
Minimum Grade of C. NU 545 and NU 518 can be taken concurrently with this course.

AHN 571 HPDP Adult-Geron Acute Care NP 2 cr
The purpose of this didactic course is to prepare the Adult
Geron Acute Care Nurse Practitioner student to identify
and implement appropriate health promotion and disease
prevention strategies across the lifespan. The focus is on
the advanced practice nursing of individuals and families
in primary care settings. Emphasis is placed on health
promotion/disease prevention with strategic planning at the
primary, secondary and tertiary levels of prevention. Various
issues are explored pertinent to the advanced practice role.
Co-requisite: AHN 568

AHN 572 Adult-Geron Acute NP I 3 cr
The purpose of this didactic course is to prepare Adult
Geron Acute Care Nurse Practitioner students to assess,
diagnose, and manage selected health care needs of adults.
The focus is on advanced practice nursing with adults
and families in primary and acute care settings. Emphasis
is placed on the wellness and the pathophysiology and
epidemiology underlying acute and chronic health problems.
Co-requisite: AHN 573
Pre-requisite: AHN 568 Minimum Grade of C and NU 578
Minimum Grade of C. NU 578 can be taken concurrently
with this course.

AHN 573 Adult-Gerone Acute NP Prac I 4 cr
The purpose of this practicum course is to provide
opportunities for students to apply concepts in select
clinical settings. Focus is on adults and families in primary
and acute care settings. The emphasis is on diagnostic
reasoning and decision making/critical thinking.
Co-requisite: AHN 572

AHN 574 Adult-Geron Acute NP II 3 cr
The purpose of this course is provide an in-depth study of
the health care management of the Adult Geron Acute Care
patient. Emphasis is on the interaction among health care
providers in a culturally diverse environment.
Co-requisite: AHN 575
Pre-requisite: AHN 572 Minimum Grade of C.

AHN 575 Adult-Geron Acute NP Prac II 2 cr
The purpose of this course is to provide an opportunity
for the Adult Acute Care Nurse Practitioner student to
practice within an advanced nursing framework. The focus
is on the role of the advanced practice nurse in the health
care management of adults. Emphasis is on collaboration
with other health care providers in a culturally diverse
environment.
Co-requisite: AHN 574

AHN 576 Adult Geron Acute NP Prac III 4 cr
The purpose of this didactic course is to provide a
preceptor and faculty facilitated experience in the Adult
Geron Acute Care Nurse Practitioner role. The focus is on
the application and synthesis of knowledge and skills
acquired in all previous courses.
Co-requisite: AHN 577
Pre-requisite: NU 607 Minimum Grade of C. NU 607 can be
taken concurrently with this course.

AHN 577 Adult Geron Acute NP III 3 cr
The purpose of this course is to provide a forum for the
evaluation of issues and trends encountered in advanced
adult gerontological acute care nursing. Emphasis is on a
critical analysis and management of issues by the Adult
Geron Acute Care Nurse Practitioner in an interdisciplinary
health care delivery system.
Co-requisite: AHN 576
Pre-requisite: NU 607 Minimum Grade of C and NU 608
Minimum Grade of C and NU 610 Minimum Grade of C and
NU 613 Minimum Grade of C. NU 607 and NU 608 and NU
610 and NU 613 can be taken concurrently with this course.

AHN 581 HP/DP Adlt-Geron Prim Care NP 2 cr
The purpose of this didactic course is to prepare the
Adult-Gerontological Primary Care Nurse Practitioner
nursing student with a knowledge base for identifying and
implementing appropriate health promotion and disease
prevention strategies with older adults. The focus is on
advanced practice nursing of adults and older adults in
multiple health care settings. Emphasis is placed on health
promotion/disease prevention and related health issues with
strategic planning at the primary, secondary, and tertiary
levels of prevention. Various issues are explored which are
pertinent to the advanced practice role.
Co-requisite: AHN 588

AHN 588 Intro to Adult-Geron Prim NP 2 cr
The purpose of this course is to expand the Adult-Geron
Primary Care Nurse Practitioner student's knowledge and
skills for obtaining, recording, and analyzing a systemic
health assessment of the adult and older adult. Emphasis is
placed on synthesis and application of nursing and related
theories and scientific knowledge to the development of
differential/nursing diagnoses as a basis for health
promotion and management.
Co-requisite: AHN 581
Pre-requisite: NU 545 Minimum Grade of C and NU 518
Minimum Grade of C. NU 545 and NU 518 can be taken concurrently with this course.
AHN 591  Adult-Geron Prim NP I  2 cr
This didactic course prepares the Adult-Geron Primary Care Nurse Practitioner student to assess, diagnose, and manage selected health care needs of culturally diverse adult and well and frail geriatric populations. The focus is on the advanced practice nursing of adults and their families in a variety of health care settings. Emphasis is placed on wellness, the pathophysiology and epidemiology underlying acute and chronic health problems with a focus on the unique health care needs of elders.
Co-requisite: AHN 592
Pre-requisite: AHN 588 Minimum Grade of C and NU 578 Minimum Grade of C. NU 578 can be taken concurrently with this course.

AHN 592  Adlt-Geron Primary NP Pract I  4 cr
The purpose of this practicum course is to provide opportunities for Adult-Geron Primary Care Nurse Practitioner students to apply concepts from AHN 591 in primary and acute care settings with adults and families experiencing health concerns. This clinical course will offer clinical hours for targeting adult health and gerontological health issues. Students will divide clinical hours between young adults, middle aged adults, and elders.
Co-requisite: AHN 591

AHN 593  Adult-Gero Prim NP II  3 cr
The purpose of this course is to provide the Advanced Adult-Geron Primary Care Nurse Practitioner student an in-depth study of health care management of adults, well and frail elders, and their families within the framework of advanced nursing. The focus is on selected acute and chronic complex health care problems. Emphasis is on the interaction among health care providers in a culturally diverse environment.
Co-requisite: AHN 594
Pre-requisite: AHN 591 Minimum Grade of C.

AHN 594  Adult-Geron Prim NP Pract II  2 cr
The purpose of this course is to provide opportunity for the Adv Adult-Geron Primary Care Nurse Practitioner student to practice within an advanced nursing framework. The focus is on the role of the advanced practice nurse in the health care management of adult and geriatric patients with physical and psychiatric-mental health concerns. Emphasis is on collaboration with other health care providers in a culturally diverse environment. This clinical course will offer experience with diverse populations including young and middle aged adults and elders in a variety of settings.
Co-requisite: AHN 593

AHN 595  Adult-Gero Primary Care NP III  2 cr
The purpose of this course is to provide a forum for the evaluation of issues and trends encountered in adult and gerontological nursing care. Emphasis is on critical analysis and management of issues by the Advanced Adult-Geron Primary Care Nurse Practitioner in an interdisciplinary health care delivery system.
Co-requisite: AHN 596
Pre-requisite: AHN 593 Minimum Grade of C and NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 608 and NU 610 and NU 613 can be taken concurrently with this course.

AHN 596  Adult Geron Prim NP Prac III  4 cr
The purpose of this course is to provide a preceptor- and faculty facilitated experience in the Advanced Adult-Geron Primary Care Nurse Practitioner role. The focus is the application and synthesis of knowledge and skills acquired in all previous courses. Students will have clinical experiences with all ages of adults and elders in a variety of settings.
Co-requisite: AHN 595
Pre-requisite: NU 607 Minimum Grade of C. NU 607 can be taken concurrently with this course.

AHN 604  Adult-Geron Acute Care NP PP&D  3 cr
This course assists the Adult-Gerontological Acute Care Nurse Practitioner DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the Adult-Gerontological Acute Care Nurse Practitioner students’ selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

AHN 617  Adult-Geron Acute Cr NP Res I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The Adult-Geron Acute Care Nurse Practitioner student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the Adult-Geron Acute Care Nurse Practitioner student will work with the primary faculty advisor to complete projects and advance their selected practice area. The Adult-Geron Acute Care Nurse Practitioner student will have access to and authority for expanded scope of practice to master the DNP competences. Residency sites will depend upon the Adult-Geron Acute Care Nurse Practitioner student’s career trajectory and approval by collaborating faculty. During the residency semester, students must participate in scheduled scholarly seminars online. Direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.
AHN 618 Adult-Geron Acute Cr NP Res II 3 cr
Provides Adult-Gerontological Acute Care Nurse Practitioner students the opportunity to fully express all DNP competencies. The Adult-Gerontological Acute Care Nurse Practitioner student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project. Pre-requisite: AHN 617 Minimum Grade of C.

AHN 619 Adlt-Geron Acute Cr NP Res III 3 cr
Final course in residency series as Adult-Gerontological Acute Care Nurse Practitioner student continues to implement and evaluate project plan. Provides Adult-Geron Acute Care Nurse Practitioner student the opportunity to fully express all DNP competencies. The Adult-Gerontological Acute Care Nurse Practitioner student, guided by the core faculty and advisor, completes quality improvement evidence-based system's change project. Pre-requisite: AHN 618 Minimum Grade of C.

AHN 621 Foundations of Cancer Biology 2 cr
Focuses on specific cancers and treatment modalities. Emphasis is on understanding biomarkers, diagnostic evaluations, and staging, as well as chemotherapy, biotherapy, radiotherapy, surgical interventions, combination approaches to treatment of specific cancers.

AHN 622 Cancer Genetics 2 cr
Focuses on the advanced practice nurse being able to provide assessment, education, and care to patients and families with genetic risk factors for cancer.

AHN 623 Comp/Alt Ther Supp Car Oncol 1 cr
The purpose of this course is to provide the advanced oncology specialization student with an intensive clinical immersion with complementary and alternative therapies in the care of cancer patients. The focus is on the development of knowledge about multiple CAM therapies, their benefits and interactions with traditional cancer treatments. The clinical course will offer an intensive experience in a large comprehensive cancer center integrative medicine department.

AHN 624 Adv Care Oncology Pat/Fam/Comm 2 cr
Focuses on providing direct care to oncology patients as well as family support and community prevention strategies. Emphasis will be on working within all spheres of the advanced practice nursing role with the oncology population and in the community served.

AHN 625 Pharm for Adv Oncology Nur 1 cr
The purpose of this course is to expand the pharmacological knowledge of the advanced oncology nurse. The focus is on the use of chemotherapeutic agents in the adult oncology population. Emphasis is on pharmacokinetics and pharmacotherapeutics of major chemotherapy classifications.

AHN 626 Adv Science in Oncology Nur 2 cr
Focuses on the NP or CNS as an agent for research utilization as well as implementation. Emphasis will be on the use of research as a tool for the advanced practice nurse to improve patient care and prevention strategies, while addressing diverse cultural and disparity issues.

AHN 630 Dysrhythmias and the Heart 2 cr
In this first of four specialization courses, the student focuses on approaches to the diagnosis, prevention of common rhythm disorders and management of patients with cardiac dysrhythmias. Emphasis is on developing a step-by-step method for diagnosing dysrhythmias, making clinical correlations and employing evidence-based treatment decisions.

AHN 631 Foundations of Cardiac Care 2 cr
This second of four cardiovascular specialization courses, focuses on approaches to the diagnosis, prevention of common rhythm disorders and management of patients with cardiac dysrhythmias. This course provides a forum for the evaluation of issues and trends encountered by the AANPCVs. Emphasis is on critical analysis and management of issues by the AANPCVs in an interdisciplinary health care delivery system.

AHN 632 Diag & Mgmt of Acute CVD 2 cr
The third of four cardiovascular specialization courses provides an in-depth study of the health care management of the acute cardiac patient. Emphasis is on patient diagnosis and management to include assessment, diagnostic procedures, treatment and pharmacological management to individuals with acute cardiovascular disorders. Particular attention will be given to the impact of cultural diversity and population based healthcare on cardiovascular health disparities in a culturally diverse environment.

AHN 633 Dig/Mgmt Complex CV Disorders 2 cr
The fourth cardiovascular specialization course provides an in-depth study of the health care management of the patient with complex cardiovascular disorders. Emphasis is patient diagnosis and management to include assessment, diagnostic procedures, treatment and pharmacological management to individuals with complex cardiovascular disorders. Particular attention will be given to the impact of cultural diversity and population based healthcare on cardiovascular health disparities in a culturally diverse environment.

Pre-requisite: AHN 630 Minimum Grade of C. AHN 630 can be taken concurrently with this course.

AHN 634 Dig/Mgmt Complex CV Disorders 2 cr
The fourth of four cardiovascular specialization courses provides an in-depth study of the health care management of the acute cardiac patient. Emphasis is on patient diagnosis and management to include assessment, diagnostic procedures, treatment and pharmacological management to individuals with acute cardiovascular disorders. Particular attention will be given to the impact of cultural diversity and population based healthcare on cardiovascular health disparities in a culturally diverse environment.

Pre-requisite: AHN 631 Minimum Grade of C.
AHN 634  Adult-Geron CNS Proj Plan/Dev  3 cr
This course assists the Adult-Gerontological Clinical Nurse Specialist DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning development as a preliminary step to the Adult-Gerontological Clinical Nurse Specialist students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

AHN 635  Adult-Geron CNS Residency I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The Adult-Gerontological Clinical Nurse Specialist student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the Adult-Gerontological Clinical Nurse Specialist student will work with the primary faculty advisor to complete projects and advance their selected practice area. The Adult-Gerontological Clinical Nurse Specialist student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the Adult-Gerontological Clinical Nurse Specialist student's career trajectory and approval by collaborating faculty. During the residency semester, student must participate in scheduled scholarly seminars online. A total of 180 clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

AHN 636  Adult-Geron CNS Residency II  3 cr
Provides Adult-Gerontological Clinical Nurse Specialist students the opportunity to fully express all DNP competencies. The Adult-Gerontological Clinical Nurse Specialist student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: AHN 635 Minimum Grade of C.

AHN 637  Adult-Geron CNS Residency III  3 cr
Final course in residency series as Adult-Gerontological Clinical Nurse Specialist student continues to implement and evaluate project plan. Provides Adult-Gerontological Clinical Nurse Specialist student the opportunity to fully express all DNP competencies. The Adult-Gerontological Clinical Nurse Specialist student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: AHN 636 Minimum Grade of C.

AHN 692  AHN DNP Project Progression  3 cr
Students will register for this course to complete residency course work under supervision of faculty. Students must remain continuously enrolled until all residency requirements are completed.
Pre-requisite: AHN 618 Minimum Grade of C or AHN 695 Minimum Grade of C or NU 618 Minimum Grade of C or AHN 636 Minimum Grade of C or AHN 663 Minimum Grade of C or AHN 658 Minimum Grade of C.

AHN 693  Adult-Geron Primary Cr NP PP&D  3 cr
This course assists the Adult-Geron Primary Care Nurse Practitioner student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the Adult-Geron Primary Care Nurse Practitioner students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

AHN 694  Adult-Gero Primary Cr NP Res I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The Adult-Geron Primary Care Nurse Practitioner student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the Adult-Geron Primary Care Nurse Practitioner student will work with the primary faculty advisor to complete projects and advance their selected practice area. The Adult-Geron Primary Care Nurse Practitioner student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the Adult-Geron Primary Care Nurse Practitioner student's career trajectory and approval by collaborating faculty. During the residency semester, student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

AHN 695  Adlt-Gero Primary Cr NP Res II  3 cr
Provides Adult-Geron Primary Care Nurse Practitioner students the opportunity to fully express all DNP competencies. The Adult-Geron Primary Care Nurse Practitioner student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: AHN 694 Minimum Grade of C.
AHN 696  Adlt-Geron Prim Care NP Res III  3 cr
Final course in residency series as Adult-Geron Primary Care Nurse Practitioner student continues to implement and evaluate project plan. Provides Adult-Geron Primary Care Nurse Practitioner student the opportunity to fully express all DNP competencies. The Adult-Geron Primary Care Nurse Practitioner student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: AHN 695 Minimum Grade of C.

CMN 420  Community Health Nursing  3 cr
The purpose of this course is to provide students an opportunity to explore community health nursing concepts and principles from a population health care perspective. The changing needs of an increasingly culturally diverse population within the social context of the community systems are examined along with the environmental, economical, political, and legal constraints to the health of systems.
Co-requisite: CMN 421
Pre-requisite: (AHN 330 Minimum Grade of C or AHN 447 Minimum Grade of C) and (AHN 331 Minimum Grade of C or AHN 448 Minimum Grade of C) and CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C and MCN 347 Minimum Grade of C and MCN 348 Minimum Grade of C. AHN 330 and AHN 447 and AHN 331 and AHN 448 can be taken concurrently with this course.

CMN 421  Community Health Nurs Clinical  1 cr
The purpose of this course is to provide students the opportunity to complete a clinical project integrating community health nursing concepts and principles from an aggregate health care perspective. The changing needs of an increasingly culturally diverse population within the social context of the community are examined. Course content includes environmental, economical, political, and legal constraints to the health of aggregates.
Co-requisite: CMN 420
Pre-requisite: (AHN 330 Minimum Grade of C or AHN 447 Minimum Grade of C) and (AHN 331 Minimum Grade of C or AHN 448 Minimum Grade of C) and CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C and MCN 347 Minimum Grade of C and MCN 348 Minimum Grade of C. AHN 330 and AHN 447 and AHN 331 and AHN 448 can be taken concurrently with this course.

CMN 411  Nursing in Community Systems  4 cr
The purpose of this course is to provide students an in-depth exploration of community health nursing concepts and principles from a population health care perspective. The course focuses on the prevention of disease and promotion of health. Resources which support disease prevention and health promotion are investigated and evaluated. The changing needs of an increasingly culturally diverse population within the social context of community systems are examined along with the environmental, economical, political, and legal constraints to the health of community systems. Course content includes concepts from nursing and the public health sciences. The course will emphasize the use of nursing process and public health concepts to assess the complex factors in the community that affect the health of populations.

CMN 551  HPDP Fam Psych-Mental Hlth NP  2 cr
This didactic course prepares the Family Psychiatric/Mental Health Nurse Practitioner student to identify and implement appropriate and culturally sensitive health promotion and disease prevention strategies across the lifespan of individuals and families in primary care settings. Emphasis is placed on health promotion/disease prevention with strategic planning at the primary, secondary, and tertiary levels.
Co-requisite: CMN 548
CMN 552 Family Psych NP I 3 cr
This didactic course prepares the Advanced Family Psychiatric-Mental Health Nurse Practitioner student to assess, diagnose, and manage selected health care needs of culturally diverse populations across the life span. The focus is on advanced practice nursing with individuals and families in a variety of health care settings. Emphasis is placed on wellness and the pathophysiology and epidemiology underlying acute and chronic psychiatric/mental health problems.
Co-requisite: CMN 553
Pre-requisite: CMN 548 Minimum Grade of C and NU 578 Minimum Grade of C. NU 578 can be taken concurrently with this course.

CMN 553 Family Psych-Mn Hth NP Prac I 4 cr
The purpose of this practicum course is to provide opportunities for Advanced Family Psychiatric-Mental Health Nurse Practitioner students to apply concepts in primary and acute care settings with adults and families experiencing psychiatric/mental health concerns. The emphasis is on mental health nursing across the lifespan.
Co-requisite: CMN 552

CMN 554 Family Psych NP II 3 cr
The purpose of this course is to provide the Advanced Family Psychiatric-Mental Health Nurse Practitioner student an in-depth study of psychiatric/mental health care management of adults and their families within the framework of advanced nursing. The focus is on selected acute and chronic complex psychiatric/mental health care problems. Emphasis is on the interaction among health care providers in a culturally diverse environment.
Co-requisite: CMN 555
Pre-requisite: CMN 552 Minimum Grade of C.

CMN 555 Fam Psy Mn Hlth NP Prac II 2 cr
The purpose of this course is to provide opportunity for the Advanced Family Psychiatric-Mental Health Nurse Practitioner student to practice within advanced nursing framework. The focus is on the role of the advanced practice nurse in the health care management of adults with psychiatric/mental health concerns. Emphasis is on collaboration with other health care providers in a culturally diverse environment.
Co-requisite: CMN 554

CMN 556 Family Psy Mn Hlth NP Prac III 4 cr
The purpose of this culminating course is to provide a preceptor and faculty facilitated experience in the Advanced Family Psychiatric-Mental Health Nurse Practitioner role. The focus is on the application and synthesis of knowledge and skills acquired in all previous courses.
Co-requisite: CMN 557
Pre-requisite: CMN 554 Minimum Grade of C and NU 610 Minimum Grade of C or NU 607 Minimum Grade of C or NU 608 Minimum Grade of C or NU 613 Minimum Grade of C. NU 610 and NU 607 and NU 608 and NU 613 can be taken concurrently with this course.

CMN 557 Family Psych NP III 3 cr
The purpose of this course is to provide a forum for the evaluation of issues and trends encountered in Advanced Family Psychiatric-Mental Health Nurse Practitioner health care. Emphasis is on critical analysis and management of issues by the Psychiatric-Mental Health Nurse Practitioner in an interdisciplinary health care delivery system.
Co-requisite: CMN 556
Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 608 and NU 610 and NU 613 can be taken concurrently with this course.

CMN 568 Intro to Family NP 3 cr
The purpose of this first didactic course is to prepare Advanced Family Nurse Practitioner students to assess, diagnose, and manage selected health care needs of adults and children. Emphasis is placed on synthesis and application of nursing and related theories and scientific knowledge to the development of differential/nursing diagnoses as a basis for health promotion and management.
Co-requisite: CMN 571
Pre-requisite: NU 545 Minimum Grade of C and NU 518 Minimum Grade of C. NU 545 and NU 518 can be taken concurrently with this course.

CMN 571 HPDP in Family NP 2 cr
The purpose of this didactic course is to prepare the Advanced Family Nurse Practitioner student to identify and implement appropriate and culturally competent health promotion and disease prevention strategies across the lifespan. The focus is on the advanced practice nursing of individuals and families in primary care settings. Emphasis is placed on health promotion/disease prevention with strategic planning at the primary, secondary, and tertiary levels of prevention. Prevention, early diagnosis, prompt treatment, and in-depth patient education with dysmetabolic syndrome and diabetes will be emphasized. Effective strategies for life-style behavior change will also be evaluated.
Co-requisite: CMN 568

CMN 572 Family NP I 3 cr
This didactic course prepares the Advanced Family Nurse Practitioner student to assess, diagnose, and manage selected health care needs of culturally diverse populations across the lifespan. The focus is on the advanced practice nursing of individuals and families in primary care settings. Emphasis is placed on wellness and the pathophysiology and epidemiology underlying acute and chronic health problems.
Co-requisite: CMN 573
Pre-requisite: CMN 568 Minimum Grade of C and NU 578 Minimum Grade of C. NU 578 can be taken concurrently with this course.
CMN 573 Family NP Pract I 4 cr
This practicum course provides opportunities for the Advanced Family Nurse Practitioner to apply concepts in select clinical settings. Focus is on individuals and families in primary care settings. The emphasis is on culturally competent delivery of health care, diagnostic reasoning and decision making/critical thinking.
Co-requisite: CMN 572

CMN 574 Family NP II 3 cr
This course provides an in-depth study of the health care management of children, adults, and families within the framework of advanced nursing. Emphasis is on the interaction among healthcare providers in a culturally diverse environment. The focus is on selected acute and chronic complex health problems of children, adults, and families in primary health care settings.
Co-requisite: CMN 575
Pre-requisite: CMN 572 Minimum Grade of C.

CMN 575 Family NP Pract II 2 cr
This practicum course provides an opportunity for the Advanced Family Nurse Practitioner student to practice within an advanced nursing framework. The focus is on the role of the advanced practice nurse in the health care management of children, adults, and families. Emphasis is on collaboration with other health care providers in a culturally diverse environment.
Co-requisite: CMN 574

CMN 576 Family NP Pract III 4 cr
The purpose of this culminating clinical course is to provide a preceptor and faculty facilitated experience in the Advanced Family Nurse Practitioner role. The focus is on the application and synthesis of knowledge and skills acquired in all previous courses.
Pre-requisite: CMN 577
Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C. NU 607 and NU 608 can be taken concurrently with this course.

CMN 577 Family NP III 3 cr
The purpose of this course is to provide a forum for the evaluation of issues and trends encountered in health care. Emphasis is on critical analysis and management of these issues by the Advanced Family Nurse Practitioner student in an interdisciplinary health care system.
Co-requisite: CMN 576
Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 608 and NU 610 and NU 613 can be taken concurrently with this course.

CMN 578 Family Psych MH NP Pract I 3 cr
This course assists the Family Psych Mental Health Nurse Practitioner student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the Family Psych Mental Health Nurse Practitioner student's selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

CMN 579 Family Psych MH NP Pract II 3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The Family Psych Nurse Practitioner student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the Nurse Practitioner DNP student will work with the primary faculty advisor to complete projects and advance their selected practice area. The Nurse Practitioner student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the student's career trajectory and approval by collaborating faculty. During the residency semester, students must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

CMN 580 Family Psych MH NP Pract III 3 cr
Provides students the opportunity to fully express all DNP competencies. The student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: CMN 578 Minimum Grade of C.

CMN 581 Family Psych MH NP Pract IV 3 cr
Final course in residency series as student continues to implement and evaluate project plan. Provides student the opportunity to fully express all DNP competencies. The student, guided by the core faculty advisor, completes quality improvement evidence-based system's change project.
Pre-requisite: CMN 580 Minimum Grade of C.

CMN 582 Pub Hlth Proj Plan & Developmt 3 cr
This course assists the public health nursing administration DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the public health students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

CMN 604 Family Psych MH NP PP&D 3 cr
This course assists the Family Psych Mental Health Nurse Practitioner student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the Family Psych Mental Health Nurse Practitioner student's selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.
CMN 644 Public Health Residency I 3 TO 6 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The public health nursing administration student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the public health nursing administration DNP student will work with the primary faculty advisor to complete projects and advance their selected practice area. The public health nursing administration student will have access to and authority for expanded scope of practice to master the DNP competences. Residency sites will depend upon the public health nursing administration student's career trajectory and approval by collaborating faculty. During the residency semester, student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

CMN 645 Public Health Residency II 3 TO 6 cr
Provides public health nursing administration students the opportunity to fully express all DNP competences. The public health nursing administration student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: CMN 644 Minimum Grade of C.

CMN 646 Public Health Residency III 3 TO 6 cr
Final course in residency series, the public health nursing administration student continues to implement and evaluate project plan. Provides public health nursing administration student the opportunity to fully express all DNP competencies. The public health nursing administration student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: CMN 645 Minimum Grade of C.

CMN 680 Family NP PP&D 3 cr
This course assists the family nurse practitioner student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the family nurse practitioner students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

CMN 681 Family NP Residency I 3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The family nurse practitioner student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the family nurse practitioner student will work with the primary faculty advisor to complete projects and advance their selected practice area. The student will have access to and authority for expanded scope of practice to master the DNP competences. Residency sites will depend upon the family nurse practitioner student's career trajectory and approval by collaborating faculty. During the residency semester, student must participate in scheduled scholarly seminars online. A total of 180 clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

CMN 682 Family NP Residency II 3 cr
Provides family nurse practitioner students the opportunity to fully express all DNP competences. The family nurse practitioner student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: CMN 681 Minimum Grade of C.

CMN 683 Family NP Residency III 3 cr
Final course in residency series, the family nurse practitioner student continues to implement and evaluate project plan. This course provides the family nurse practitioner student the opportunity to fully express all DNP competencies. The family nurse practitioner student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: CMN 682 Minimum Grade of C.

CMN 692 CMN DNP Project Progression 3 cr
Students will register for this course to complete residency course work under supervision of faculty. Students must remain continuously enrolled until all residency requirements are completed.
Co-requisite: CMN 619
Pre-requisite: CMN 618 Minimum Grade of C or CMN 645 Minimum Grade of C or CMN 682 Minimum Grade of C.

Health Sciences (HSC)
HSC 101  Interprofessional Freshman Sem  2 cr
The purpose of this course is to introduce the unique requirements and opportunities of the Health Sciences Division to beginning students who have declared or are considering a Health Science major (Nursing, Medicine, Pharmacy, Allied Health Professions, etc.). The course focuses on the value of higher education as a base for a career in Health Sciences and develops an awareness of activities and support services available within the University to enhance student success. Academic rules, regulations and policies related to admission, progression, and graduation in the University and Colleges of Nursing, Medicine, and Allied Health Professions are discussed.

HSC 324  Death and Dying - W  2 cr
Provides the student an opportunity to analyze theories, concepts, socio-ethical issues, and research related to dying and death. Focus is on assisting students to explore their feelings regarding death as well as developing self-awareness of the feelings of patients and families. Emphasis is on the acceptance of the process of mourning and death and applicable nursing interventions.

HSC 342  Administration of Medication  1 cr
The purpose of this course is to prepare the student to accurately calculate medication dosages. Mathematical and metric apothecary concepts are stressed.

HSC 343  Clinical Pharmacology  3 cr
The purpose of the course is to provide the student with the opportunity to acquire information related to the clinical application of drug therapy and the concepts relating to the mechanisms of drug actions, interactions and adverse reactions, including the immunologic-idiosyncratic-allergic responses. Emphasis is on the current evidence related to pharmacokinetics, dosage, methods of administration, and adverse effects of major classifications of drugs to inform nursing care. Prerequisites: Admission to Professional Component or special permission of instructor.

HSC 390  Special Topics -  1 TO 9 cr
Selected topics in Health Sciences. Requires special permission. Variable title and 1 to 9 variable credit hours.

HSC 424  Issues in EOL & Palliative Cr  2 cr
This course provides the student an opportunity to analyze theories, concepts, socio-ethical issues, and research related to end of life and palliative care. The focus is on assisting students to explore their perspectives regarding end of life and palliative care as well as developing self-awareness of the perspectives of patients and families across the socio-cultural spectrum. Emphasis is on the acceptance of the process of mourning and death as a part of life and applicable appropriate evidence-based health care interventions.

HSC 425  Issues in Health Nutrition  2 cr
This elective course focuses on the impact of nutritional issues on health at the national/international level. The intent is to provide the Health Sciences Student with opportunity to develop comprehension of issues on a national or global scale and apply to professional health care practice with individuals and communities.

HSC 450  Ethical Care of Aging  3 cr
Interdisciplinary course on a critical investigation of ethical issues affecting the elderly and on application of principles, concepts, theories, and decision models as a framework for ethical decision making.

HSC 457  Gerontological Concepts  3 cr
Focuses on a multidisciplinary approach to meeting the diverse needs of the aging population. Physiological, psychological, and sociocultural aspects of aging are explored. Emphasis is on attitudes toward the elderly, health programs for older Americans, health policy, ethical/legal issues, and the needs of family caregivers.

HSC 571  Managing Health Care Personnel  3 cr
The purpose of this course is to analyze frameworks for managing health care personnel. The course focuses on exploration and application of human resource management. Emphasis within the course is placed on leadership, communication, relationship management, diversity, legal and ethical principles, workforce planning and maintenance.

HSC 590  Special Topics  1 TO 6 cr
Study of topics significant to the health professions. Content varies and may be repeated.

HSC 595  Evidence Basd Lipid Practice  3 cr
This course serves as a foundational course in the Clinical Lipidology Subspecialty program. The purpose of this didactic course is to prepare the Clinical Lipid Specialist student to evaluate CVD epidemiology, cardiometabolic risk, and evidence based lipid practice in those with selected health care needs across the lifespan.

HSC 596  Adv Vascular Biology  2 cr
This course serves as a foundational course in the Clinical Lipidology Subspecialty program. The purpose of this didactic course is to prepare the Clinical Lipid Specialist student to evaluate lipoprotein metabolism and vascular biology in those with selected health care needs across the lifespan.

HSC 597  Adv Pharm Complex Dyslipiderni  2 cr
This course serves as a foundational course in the Clinical Lipidology Subspecialty program. The purpose of this didactic course is to prepare the Clinical Lipid Specialist student to evaluate advanced pharmacologic options in treating those with selected health care needs across the lifespan.
HSC 598  Diag/Mgt C-plex Dyslipidemia  2 cr
This course serves as a final course in the Clinical Lipidology Subspecialty program. The purpose of this didactic course is to prepare the Clinical Lipid Specialist student to evaluate and manage complex dyslipidemia in those with selected health care needs across the lifespan.

HSC 601  Intro to Intropffessional Ed  1 cr
The purpose of this course is to introduce nursing students and occupational therapy students to the concepts of interprofessional education. Students will gain an understanding of their own role in healthcare as well as the scope of the role of another health profession. Students will learn how to function in an interprofessional team and carry this knowledge, skill, and value into their future practice, ultimately providing interprofessional patient care as part of a collaborative team that is focused on improving patient outcomes. Interprofessional teams are composed of members from different health professions who have specialized knowledge, skills, and abilities with the goal of providing patient-centered care in a collaborative manner. The team establishes a common goal and using their individual expertise, and works in concert to achieve patient-centered care. In this model, joint decision making is valued and each team member is empowered. Students will be introduced to core competencies in interprofessional care and utilize Fennel's Four Phase Model for understanding and treating multiple chronic conditions for adults, elders, and returning veterans. Pre-requisite: AHN 591 Minimum Grade of C and AHN 559 Minimum Grade of C and AHN 581 Minimum Grade of C and AHN 588 Minimum Grade of C and AHN 589 Minimum Grade of C. AHN 591 and AHN 559 can be taken concurrently with this course.

HSC 602  Team Building  1 cr
This online course will allow students to examine the specific impact of cultural, ethical, and religious factors on ethical health-care decision-making and focuses on the relationships among the professions, joint relationships with patients, the quality of cross-professional exchanges, and interprofessional considerations in health care delivery and in formulating public health policies, programs, and services. The focus of the course is derived from the approach utilized in the Core Competencies for Interprofessional Collaborative Practice (2011). Structured content introduces the topic and will allow teams of students to practice problem solving and ethical decision-making within an interprofessional team. Pre-requisite: HSC 601 Minimum Grade of C.

HSC 603  Assmnt Vulnerable Populations  1 cr
This online interdisciplinary course will implement evidence based and collaborative models to assess the needs of vulnerable populations who have multiple physical needs such as those evidenced by adults, elders, and returning veterans with multiple chronic illnesses and/or acute injury. The student will synthesize, critique, and apply evidence to improve patient care outcomes. In this mentored and supervised experience, the student will work in groups with the faculty to complete an assessment of need in these populations. Pre-requisite: HSC 602 Minimum Grade of C.

HSC 690  Special Topics-  1 TO 9 cr
Study of health professional topics at the doctoral level. Credit hours will vary based on student need and depth of course subject matter. Content will vary and may be repeated up to 9 credits. Requires special permission.

Maternal Child Nursing (MCN)

MCN 340  Maternal-Gyn Health Nsg  3 cr
Provides students the opportunity to analyze theories, concepts, research, and issues and trends in nursing of the childbearing family. Content includes internal and external environmental factors affecting the health of the childbearing family. Emphasis is on the role of the professional nurse in health promotion and maintenance, and wellness/illness care of the childbearing family. Co-requisite: MCN 341 Pre-requisite: NU 325 Minimum Grade of C and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C) and HSC 342 Minimum Grade of C and (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C) and NU 327 Minimum Grade of C. NU 327 can be taken concurrently with this course.

MCN 341  Maternal-Gyn Health Nsg Clin  3 cr
Clinical practice course in nursing of the childbearing family. Focus is on the application of theories, concepts, research, and issues and trends in nursing of the childbearing family. Emphasis is on the role of the professional nurse in nursing care of the childbearing family and on the use of the nursing process with the childbearing family. Co-requisite: MCN 340 Pre-requisite: (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C) and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C) and NU 327 Minimum Grade of C. NU 327 can be taken concurrently with this course.
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<td>Child Health Nursing</td>
<td>3 cr</td>
<td>Provides students the opportunity to analyze theories, concepts, research, and issues and trends in child health nursing. Content includes internal and external environmental factors affecting the health of children. Emphasis is on the role of the professional nurse in health promotion and maintenance, illness care, and rehabilitation of children. Co-requisite: MCN 346. Pre-requisite: NU 325 Minimum Grade of C and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C) and HSC 342 Minimum Grade of C and (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C) and NU 327 Minimum Grade of C. NU 327 can be taken concurrently with this course.</td>
</tr>
<tr>
<td>MCN 346</td>
<td>Child Health Nursing Clinical</td>
<td>3 cr</td>
<td>Clinical practice course in child health nursing. Focus is on the application of theories, concepts, research, and issues and trends in child health nursing. Emphasis is on the role of the professional nurse in child health nursing and on the use of the nursing process with children and their families. Co-requisite: MCN 345. Pre-requisite: (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C) and NU 325 Minimum Grade of C and HSC 342 Minimum Grade of C and (HSC 243 Minimum Grade of C or HSC 343 Minimum Grade of C) and NU 327 Minimum Grade of C. NU 327 can be taken concurrently with this course.</td>
</tr>
<tr>
<td>MCN 347</td>
<td>NuChild-Bearing/Child Rearing</td>
<td>4 cr</td>
<td>Analysis of theories, concepts, evidence, and issues and trends in professional nursing care of the childbearing and childrearing family. Emphasis on the use of the nursing process and other systematic approaches to plan, implement, and evaluate health promotion and maintenance activities, illness care, and rehabilitation with individuals and families in various stages of childbearing and childrearing, as well as the gynecological care of women in a variety of acute and community settings. Co-requisite: MCN 348. Pre-requisite: CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C and (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C). CMN 350 and CMN 351 can be taken concurrently with this course.</td>
</tr>
<tr>
<td>MCN 348</td>
<td>Childbearing/Childrearing Clin</td>
<td>4 cr</td>
<td>The purpose of this course is to provide students the opportunity to engage in clinical practice with childbearing and childrearing families as well as the gynecologic care of women. Emphasis is on the role of the professional nurse in the application of concepts and theories related to health promotion and maintenance, illness care and rehabilitation with childbearing and childrearing families. Co-requisite: MCN 347. Pre-requisite: CMN 350 Minimum Grade of C and CMN 351 Minimum Grade of C and (NU 211 Minimum Grade of C or NU 300 Minimum Grade of C) and (NU 221 Minimum Grade of C or NU 301 Minimum Grade of C). CMN 350 and CMN 351 can be taken concurrently with this course.</td>
</tr>
<tr>
<td>MCN 358</td>
<td>Intro to Women's Health NP</td>
<td>3 cr</td>
<td>The purpose of this course is to expand the Women’s Health Nurse Practitioner student’s knowledge and skills for obtaining, recording and analyzing a systematic health assessment of women. Emphasis is on the synthesis and application of nursing and related theories and scientific knowledge to the development of differential/nursing diagnoses as a basis for health promotion and management. Co-requisite: MCN 541. Pre-requisite: NU 545 Minimum Grade of C and NU 518 Minimum Grade of C. NU 545 and NU 518 can be taken concurrently with this course.</td>
</tr>
<tr>
<td>MCN 541</td>
<td>HPDP Women’s Health NP</td>
<td>2 cr</td>
<td>The purpose of this didactic course is to prepare the Women’s Nurse Practitioner student to identify and implement appropriate health promotion and disease prevention strategies across the lifespan. The focus is on the advanced practice nursing of individuals and families in primary care settings. Emphasis is placed on health promotion/disease prevention with strategic planning at the primary, secondary and tertiary levels of prevention. Various issues are explored pertinent to the advanced practice role. Co-requisite: MCN 538.</td>
</tr>
<tr>
<td>MCN 542</td>
<td>Women’s Health NP I</td>
<td>3 cr</td>
<td>The purpose of this didactic course is to prepare the Women’s Health Nurse Practitioner student to assess, diagnose, and manage selected health care needs of women. The focus is on advanced practice nursing with women primary, acute, and chronic health care settings. Emphasis is on wellness and the pathophysiology and epidemiology underlying acute and chronic health problems. Co-requisite: MCN 543. Pre-requisite: MCN 538 Minimum Grade of C and NU 578 Minimum Grade of C. NU 578 can be taken concurrently with this course.</td>
</tr>
</tbody>
</table>
### MCN 543  Women's Health NP Pract I  4 cr
The purpose of this practicum course is to provide opportunities for the Women's Health Nurse Practitioner student to apply concepts from MCN 542 Advanced Women's Health Nursing II in select clinical settings. Focus is on advanced practice nursing with women and families in primary, acute, and chronic health care settings. The emphasis is on diagnostic reasoning and decision making/critical thinking.
Co-requisite: MCN 542

### MCN 544  Women's Health NP II  3 cr
The purpose of this course is to provide the Women's Health Nurse Practitioner student an in-depth study of the health care management of women within the framework of advanced nursing. The focus is on selected acute and chronic complex health care problems. Emphasis is on the interaction among health care providers in a culturally diverse environment.
Co-requisite: MCN 545
Pre-requisite: MCN 542 Minimum Grade of C.

### MCN 545  Women's Health NP Pract II  2 cr
The purpose of this course is to provide opportunity for the Women's Health Nurse Practitioner student to practice within an advanced nursing framework. The focus is on the role of the advanced practice nurse in the health care management of women. Emphasis is on collaboration with other health care providers in a culturally diverse environment.
Co-requisite: MCN 544

### MCN 546  Women's Health NP Prac III  4 cr
The purpose of this culminating course is to provide a preceptor and faculty facilitated experience in the Women's Health Nurse Practitioner role. The focus is on the application and synthesis of knowledge and skills acquired in all previous courses.
Co-requisite: MCN 547
Pre-requisite: MCN 544 Minimum Grade of C and NU 608 Minimum Grade of C and NU 607 Minimum Grade of C. NU 608 and NU 607 can be taken concurrently with this course.

### MCN 547  Women's Health NP III  3 cr
The purpose of this course is to provide a forum for the evaluation of issues and trends encountered in advanced women's health nursing care. Emphasis is on critical analysis and management of issues by the Women's Health Nurse Practitioner student in an interdisciplinary health care system.
Co-requisite: MCN 546
Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 608 and NU 610 and NU 613 can be taken concurrently with this course.

### MCN 548  Intro to Ped Primary Care NP  3 cr
The purpose of this first didactic course is to prepare Advanced Pediatric Primary Care Nurse Practitioner students to assess, diagnose, and manage selected health care needs of children. Emphasis is placed on synthesis and application of nursing and related theories and scientific knowledge to the development of differential/nursing diagnoses as a basis for health promotion and management.
Co-requisite: MCN 551
Pre-requisite: NU 545 Minimum Grade of C and NU 518 Minimum Grade of C. NU 545 and NU 518 can be taken concurrently with this course.

### MCN 551  HPDP Pediatric Primary Care NP  2 cr
The purpose of this didactic course is to prepare the Pediatric Primary Care Nurse Practitioner student to identify and implement appropriate health promotion and disease prevention strategies for children from birth to adolescence. The focus is on the advanced practice nursing of children and families in primary care settings. Emphasis is placed on health promotion/disease prevention with strategic planning at the primary, secondary, and tertiary levels of prevention. Various issues are explored pertinent to the advanced practice role.
Co-requisite: MCN 548

### MCN 552  Pediatric Prim Care NP I  3 cr
The purpose of this didactic course is to prepare the Advanced Pediatric Primary Care Nurse Practitioner student to assess, diagnose, and manage selected health care needs of children from birth to school age. The focus is on advanced practice nursing with children and families in primary care settings. Emphasis is on the wellness, and the pathophysiology and epidemiology underlying acute and chronic health problems.
Co-requisite: MCN 553
Pre-requisite: MCN 548 Minimum Grade of C and NU 578 Minimum Grade of C. NU 578 can be taken concurrently with this course.

### MCN 553  Ped Prim Care NP Prac I  4 cr
The purpose of this practicum course is to provide opportunities for the Advanced Pediatric Primary Care Nurse Practitioner student to apply concepts in select clinical settings. Focus is on advanced practice nursing with children and families in primary care settings. The emphasis is on diagnostic reasoning and decision making/critical thinking.
Co-requisite: MCN 552
MCN 554  Pediatric Primary Care NP II  3 cr
The purpose of this course is to provide the Advanced
Pediatric Primary Care Nurse Practitioner student an in-
depth study of the health care management of children
from school age to adolescence within the framework of
advanced nursing. The focus is on selected acute and
chronic complex health problems. Emphasis is on the
interaction among health care providers in a culturally
diverse environment.
Co-requisite: MCN 555
Pre-requisite: MCN 552 Minimum Grade of C.

MCN 555  Ped Prim Care NP Prac II  2 cr
The purpose of this course is to provide opportunity for
the Pediatric Primary Care Nurse Practitioner student to
practice within an advanced nursing framework. The focus
is on the role of the advanced practice nurse in the health
care management of children. Emphasis is on collaboration
with other health care providers in a culturally diverse
environment.
Co-requisite: MCN 554

MCN 556  Ped Prim Care NP Pract III  4 cr
The purpose of this culminating course is to provide a
preceptor and faculty facilitated experience in the Pediatric
Primary Care Nurse Practitioner role. The focus is on the
application and synthesis of knowledge and skills acquired
in all previous courses.
Co-requisite: MCN 557
Pre-requisite: MCN 554 Minimum Grade of C and NU 608
Minimum Grade of C and NU 607 Minimum Grade of C. NU
608 and NU 607 can be taken concurrently with this course.

MCN 557  Pediatric Primary Care NP III  3 cr
The purpose of this course is to provide a forum for the
evaluation of issues and trends encountered in advanced
pediatric primary care health nursing. Emphasis is on
critical analysis and management of issues by the
Advanced Pediatric Primary Care Nurse Practitioner in an
interdisciplinary health care delivery system.
Co-requisite: MCN 556
Pre-requisite: NU 607 Minimum Grade of C and NU 608
Minimum Grade of C and NU 610 Minimum Grade of C and
NU 613 Minimum Grade of C. NU 607 and NU 608 and NU
610 and NU 613 can be taken concurrently with this course.

MCN 558  Intro to Acute Care NP  3 cr
The purpose of this course is to expand the Advanced
Pediatric Acute Care Nurse Practitioner student's knowledge
and skills for obtaining, recording, and analyzing a
systematic health assessment of the infant, child, and
adolescent in a primary care setting. Emphasis is placed on
the synthesis of nursing in application and related theories
and scientific knowledge for the development of differential/
nursing diagnosis as a basis for health promotion and
management.
Co-requisite: MCN 571
Pre-requisite: NU 518 Minimum Grade of C and NU 545
Minimum Grade of C. NU 518 and NU 545 can be taken
concurrently with this course.

MCN 562  Pediatric Acute Care NP I  3 cr
This course provides Advanced Pediatric Acute Care Nurse
Practitioner students to assess, diagnose, and manage
selected health care needs of children. The focus is on
advanced practice nursing with children and families in
acute care settings. Emphasis is placed on wellness and
the pathophysiology and epidemiology underlying acute and
chronic health problems.
Co-requisite: MCN 563
Pre-requisite: MCN 558 Minimum Grade of C and NU 578
Minimum Grade of C and MCN 571 Minimum Grade of C.
NU 578 can be taken concurrently with this course.

MCN 563  Ped Acute Care NP Pract I  4 cr
This course provides an opportunity for the Advanced
Pediatric Acute Care Nurse Practitioner student to apply
concepts in select clinical settings. Focus is on children
and families in acute care settings. The emphasis is on
diagnostic reasoning and decision making/critical thinking.
Practicum experiences will include rotations with a primary
preceptor.
Co-requisite: MCN 562

MCN 564  Pediatric Acute Care NP II  3 cr
This course provides an in-depth study of the health care
management of the Advanced Pediatric Acute Care patient.
Emphasis is on the interaction among health care providers
in a culturally diverse environment.
Co-requisite: MCN 565
Pre-requisite: MCN 562 Minimum Grade of C and MCN 563
Minimum Grade of C.

MCN 565  Ped Acute Care NP Pract II  2 cr
This course provides an opportunity for the Advanced
Pediatric Acute Care Nurse Practitioner student to apply
concepts in select clinical settings. The emphasis is on
diagnostic reasoning and decision making/critical thinking.
Co-requisite: MCN 564
Pre-requisite: MCN 562 Minimum Grade of C and MCN 563
Minimum Grade of C.

MCN 566  Ped Acute Care NP Pract III  4 cr
This course provides a forum for the evaluation of issues
and trends encountered in Advanced Pediatric Acute Care
nursing. Emphasis is on critical analysis and management
of issues by the Advanced Pediatric Acute Care Nurse
Practitioner in an interdisciplinary health care delivery
system.
Co-requisite: MCN 567
Pre-requisite: MCN 564 Minimum Grade of C and MCN 565
Minimum Grade of C or NU 607 Minimum Grade of C or NU
608 Minimum Grade of C or NU 610 Minimum Grade of C or
NU 613 Minimum Grade of C. NU 607 and NU 608 and NU
610 and NU 613 can be taken concurrently with this course.
MCN 567  Pediatric Acute Care NP III  3 cr
The purpose of this course is to provide a preceptor and faculty facilitated experience in the Advanced Pediatric Acute Care Nurse Practitioner role. The focus is on application and synthesis of knowledge and skills acquired in all previous courses.
Co-requisite: MCN 566  
Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C and MCN 564 Minimum Grade of C and MCN 565 Minimum Grade of C. NU 607 and NU 608 and NU 610 and NU 613 can be taken concurrently with this course.

MCN 568  Intro to Neonatal NP  3 cr
The purpose of this first didactic course is to prepare Advanced Neonatal Nurse Practitioner students to assess, diagnose, and manage selected health care needs of neonates. Emphasis is placed on synthesis and application of nursing and related theories and scientific knowledge to the development of differential/nursing diagnoses as a basis for health promotion and management.
Co-requisite: MCN 571  
Pre-requisite: NU 545 Minimum Grade of C and NU 518 Minimum Grade of C. NU 545 and NU 518 can be taken concurrently with this course.

MCN 571  HPDP NNP/Peds Acute NP  2 cr
The purpose of this didactic course is to prepare the Neonatal and Acute Care Pediatric Nurse Practitioner students to identify and implement appropriate health promotion and disease prevention strategies for the neonate to age 21 years. The focus is on the advanced practice nursing of individuals and families in primary care settings. Emphasis is placed on health promotion/disease prevention with strategic planning at the primary, secondary and tertiary levels of prevention. Various issues are explored pertinent to the advanced practice role.
Co-requisite: MCN 568  
Pre-requisite: MCN 558 Minimum Grade of C or MCN 568 Minimum Grade of C.

MCN 572  Neonatal NP I  3 cr
The purpose of this didactic course is to prepare the Advanced Neonatal Nurse Practitioner student to assess, diagnose, and manage selected health care needs of neonates. The focus is on neonates and families in primary, acute, and chronic health care settings. Emphasis is placed on wellness and the pathophysiology and epidemiology underlying acute and chronic health problems.
Co-requisite: MCN 573  
Pre-requisite: MCN 568 Minimum Grade of C and NU 578 Minimum Grade of C. NU 578 can be taken concurrently with this course.

MCN 573  Neonatal NP Pract I  4 cr
The purpose of this practicum course is to provide opportunities for the Advanced Neonatal Nurse Practitioner student to apply concepts in select clinical settings. Focus is on advanced nursing practice with neonates and their families in primary, acute, and chronic health care settings. The emphasis is on diagnostic reasoning and decision making/critical thinking.
Co-requisite: MCN 572

MCN 574  Neonatal NP II  3 cr
The purpose of this course is to provide the Advanced Neonatal Nurse Practitioner student an in-depth study of the neonate within the framework of nursing. The focus is on selected acute and chronic complex health problems of neonates in the primary, acute, and chronic care settings. Emphasis is on the interaction among health care providers in a culturally diverse environment.
Co-requisite: MCN 575
Pre-requisite: MCN 572 Minimum Grade of C.

MCN 575  Neonatal NP Pract II  2 cr
The purpose of this course is to provide opportunity for the Advanced Neonatal Nurse Practitioner student to practice within an advanced nursing framework. The focus is on the role of the advanced practice nurse in the management of the neonate. Emphasis is on collaboration with other health care providers in a culturally diverse environment.
Co-requisite: MCN 574

MCN 576  Neonatal NP Pract III  4 cr
The purpose of this culminating course is to provide a preceptor-faculty facilitated experience in the Advanced Neonatal Nurse Practitioner role. The focus is on the application and synthesis of knowledge and skills acquired in all previous courses.
Co-requisite: MCN 577
Pre-requisite: MCN 574 Minimum Grade of C and NU 607 Minimum Grade of C and NU 608 Minimum Grade of C. NU 607 and NU 608 can be taken concurrently with this course.

MCN 577  Neonatal NP III  3 cr
The purpose of this course is to provide a forum of the evaluation of issues and trends encountered in advanced neonatal nursing care. Emphasis is on critical analysis and management of issues by the Advanced Neonatal Nurse Practitioner in an interdisciplinary health care system.
Co-requisite: MCN 576
Pre-requisite: NU 607 Minimum Grade of C and NU 608 Minimum Grade of C and NU 610 Minimum Grade of C and NU 613 Minimum Grade of C. NU 607 and NU 608 and NU 610 and NU 613 can be taken concurrently with this course.
MCN 604  Pediatric Acute Care NP PP&D  3 cr
This course assists the Pediatric Acute Care Nurse Practitioner DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the Acute Care Pediatric Nurse Practitioner students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

MCN 617  Pediatric Acute Care NP Res I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the student will work with the primary faculty advisor to complete projects and advance their selected practice area. The student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the student's career trajectory and approval by collaborating faculty. During the residency semester, students must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

MCN 618  Pediatric Acute Care NP Res II  3 cr
Provides students the opportunity to fully express all DNP competencies. The student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: MCN 617 Minimum Grade of C. MCN 617 can be taken concurrently with this course.

MCN 619  Pediatric Acute Care NP Res III  3 cr
Final course in residency series as students continue to implement and evaluate project plan. Provides student the opportunity to fully express all DNP competencies. The student, guided by the core faculty and advisor, completes quality improvement evidence-based system's change project.
Pre-requisite: MCN 618 Minimum Grade of C. MCN 618 can be taken concurrently with this course.

MCN 625  WHNP CNS PP&D  3 cr
This course assists the women's health clinical nurse specialist DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the women's health clinical nurse specialist students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

MCN 626  WHNP CNS Residency I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The women's health clinical nurse specialist student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the women's health clinical nurse specialist student will work with the primary faculty advisor to complete projects and advance their selected practice area. The women's health clinical nurse specialist student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the student's career trajectory and approval by collaborating faculty. During the residency semester, the women's health clinical nurse specialist student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

MCN 627  WHNP CNS Residency II  3 cr
Provides women's health clinical nurse specialist students the opportunity to fully express all DNP competencies. The women's health clinical nurse specialist student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: MCN 626 Minimum Grade of C.

MCN 628  WHNP CNS Residency III  3 cr
Final course in residency series as women's health clinical nurse specialist student continues to implement and evaluate project plan. Provides the women's health clinical nurse specialist student the opportunity to fully express all DNP competencies. The women's health clinical nurse specialist student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: MCN 627 Minimum Grade of C.

MCN 637  Peds CNS Proj Plan/Development  3 cr
This course assists the pediatric clinical nurse specialist DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the pediatric clinical nurse specialist students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.
MCN 638  Pediatric CNS Residency I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The pediatric clinical nurse specialist student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the pediatric clinical nurse specialist student will work with the primary faculty advisor to complete projects and advance their selected practice area. The pediatric clinical nurse specialist student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the pediatric clinical nurse specialist student's career trajectory and approval by collaborating faculty. During the residency semester, the pediatric clinical nurse specialist student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

MCN 639  Peds CNS Residency II  3 cr
Provides pediatric clinical nurse specialist students the opportunity to fully express all DNP competencies. The pediatric clinical nurse specialist student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: MCN 638 Minimum Grade of C.

MCN 640  Peds CNS Residency III  3 cr
Final course in residency series as pediatric clinical nurse specialist student continues to implement and evaluate project plan. Provides pediatric clinical nurse specialist student the opportunity to fully express all DNP competencies. The pediatric clinical nurse specialist student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: MCN 639 Minimum Grade of C.

MCN 644  Women's Health NP PP&D  3 cr
This course assists the women's health nurse practitioner DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the women's health nurse practitioner student's selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

MCN 645  Women's Health NP Residency I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The women's health nurse practitioner student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the women's health nurse practitioner student will work with the primary faculty advisor to complete projects and advance their selected practice area. The women's health nurse practitioner student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the women's health nurse practitioner student's career trajectory and approval by collaborating faculty. During the residency semester, the women's health nurse practitioner student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required.
Pre-requisite: NU 600 Minimum Grade of P.

MCN 646  Women's Health NP Residency II  3 cr
Provides women's health nurse practitioner students the opportunity to fully express all DNP competencies. The women's health nurse practitioner student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project.
Pre-requisite: MCN 645 Minimum Grade of C.

MCN 647  Women's Health NP Res III  3 cr
Final course in residency series as women's health nurse practitioner student continues to implement and evaluate project plan. Provides women's health nurse practitioner student the opportunity to fully express all DNP competencies. The women's health nurse practitioner student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project.
Pre-requisite: MCN 646 Minimum Grade of C.

MCN 648  Pediatric Primary Care NP PP&D  3 cr
This course assists the pediatric primary care nurse practitioner DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the pediatric primary care nurse practitioner student's selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.
MCN 655  Pediatric Primary Care NP Res  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The pediatric primary care nurse practitioner student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the pediatric primary care nurse practitioner student will work with the primary faculty advisor to complete projects and advance their selected practice area. The pediatric primary care nurse practitioner student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the pediatric primary care nurse practitioner student's career trajectory and approval by collaborating faculty. During the residency semester, the pediatric primary care nurse practitioner student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required. Pre-requisite: NU 600 Minimum Grade of P.

MCN 656  Ped Primary Care NP Res II  3 cr
Provides pediatric primary care nurse practitioner students the opportunity to fully express all DNP competencies. The pediatric primary care nurse practitioner student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project. Pre-requisite: MCN 655 Minimum Grade of C. MCN 655 can be taken concurrently with this course.

MCN 657  Ped Primary Care NP Res III  3 cr
Final course in residency series as the Pediatric Primary Care Nurse Practitioner student continues to implement and evaluate project plan. Provides the Pediatric Primary Care Nurse Practitioner student the opportunity to fully express all DNP competencies. The Pediatric Primary Care Nurse Practitioner student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project. Pre-requisite: MCN 656 Minimum Grade of C.

MCN 674  NNP Project Plan & Development  3 cr
This course assists the neonatal nurse practitioner DNP student to learn the processes embedded in developing a doctoral synthesis project. The course will address all aspects of project planning and development as a preliminary step to the neonatal nurse practitioner students' selection of a topic or phenomenon of interest for the project and will incorporate well-built questions, search strategies and outcomes, identification of resources needed, plan for evaluation and dissemination.

MCN 675  NNP Residency I  3 cr
Theories of leadership, motivation, power, and change are used to influence change in health care organizations. This course will implement evidence-based clinical models and evaluate their effectiveness in health outcomes. The neonatal nurse practitioner student will synthesize, critique, and apply evidence to support quality clinical or organizational practices. In this mentored and supervised experience, the neonatal nurse practitioner student will work with the primary faculty advisor to complete projects and advance their selected practice area. The neonatal nurse practitioner student will have access to and authority for expanded scope of practice to master the DNP competencies. Residency sites will depend upon the neonatal nurse practitioner student's career trajectory and approval by collaborating faculty. During the residency semester, the neonatal nurse practitioner student must participate in scheduled scholarly seminars online. Clinical hours of direct practice/management is required. Pre-requisite: NU 600 Minimum Grade of P.

MCN 676  NNP Residency II  3 cr
Provides neonatal nurse practitioner students the opportunity to fully express all DNP competencies. The neonatal nurse practitioner student, guided by the faculty facilitator, will implement the scholarly doctoral system's change project. Pre-requisite: MCN 675 Minimum Grade of C.

MCN 677  NNP Residency III  3 cr
Final course in residency series as neonatal nurse practitioner student continues to implement and evaluate project plan. Provides neonatal nurse practitioner student the opportunity to fully express all DNP competencies. The neonatal nurse practitioner student, guided by the core faculty and advisor completes quality improvement evidence-based system's change project. Pre-requisite: MCN 676 Minimum Grade of C.

MCN 692  MCN DNP Project Progression  3 cr
Students will register for this course to complete residency course work under supervision of faculty. Students must remain continuously enrolled until all residency requirements are completed. Pre-requisite: MCN 618 Minimum Grade of C or MCN 627 Minimum Grade of C or MCN 639 Minimum Grade of C or MCN 646 Minimum Grade of C or MCN 656 Minimum Grade of C or MCN 676 Minimum Grade of C.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NU 544  Adv Patho-Patho Basis of Adv Nsg  3 cr
The purpose of this course is to provide the advanced practice nurse with knowledge of normal physiology and alterations in physiology in individuals across the life span. The focus is theory and research applicable to organ systems and cellular events. Emphasis is on regulatory and compensatory functions in health and in pathophysiological conditions.
NU 556  Informatics & Qual Care Improv  3 cr  
The purpose of this course is to focus on quality improvement models and methods which will use client outcome measures across a broad range of health care settings. Emphasis will be placed on Continuous Quality Improvement (CQI) methods and their relationships with current health care systems.  
Co-requisite: NU 557  
Pre-requisite: ISC 555 Minimum Grade of C and NU 565 Minimum Grade of C and NU 539 Minimum Grade of C and ISC 550 Minimum Grade of C and NU 562 Minimum Grade of C. NU 565 and NU 539 and ISC 550 can be taken concurrently with this course.

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

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

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

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

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

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

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

NU 567  Nursing Admin Internship  3 cr  
The purpose of this culminating practicum course is to provide the nurse executive student a faculty and preceptor facilitated clinical experience in a healthcare setting. The course focuses on the professional role and competencies of the nurse executive student a faculty and preceptor facilitated clinical experience in a healthcare setting. The course focuses on reimbursement and expenditures for healthcare delivery. Emphasis within the course is placed on basic accounting, financial decision-making, statement analysis, & staffing plans.  
Pre-requisite: NU 607 Minimum Grade of C. NU 607 can be taken concurrently with this course.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NU 668  Consultation in Nsg Practice  3 cr  
Focuses on the steps of the consulting process in advanced nursing practice with an emphasis on assessment, planning and the communication of findings. Theoretical frameworks and models for consultation are analyzed.

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

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

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

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<thead>
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<th>Title</th>
<th>Institutions</th>
</tr>
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<tbody>
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