CAPSTONE COLLEGE OF NURSING

The Capstone College of Nursing offers the following:

- Master's of Science in Nursing (MSN) degree for Nurse Practitioners (e.g. Family Nurse Practitioner and Psychiatric Mental Health Nurse Practitioner), Nurse Educators and Nurse Executives
- RN to BSN with a pathway to the MSN program (Nurse Executives and Nurse Educators Concentration only)
- Master's Entry to the Profession of Nursing, MSN
- Post-graduate certificates with Family Nurse Practitioner and Psychiatric Mental Health Nurse Practitioner specialties
- Microcertificate in Nursing Education
- Doctor of Nursing Practice (DNP) degree (Post-Baccalaureate and Post-Masters)
- Joint Nursing Science PhD
- Degree Programs
  - Nursing, MSN
  - Master's Entry to the Profession of Nursing, MSN
  - Doctor of Nursing Practice, DNP
  - Joint Nursing Science, PhD
- Certificate Programs
  - Family Nurse Practitioner
  - Microcertificate in Nursing Education
  - Psychiatric Mental Health Nurse Practitioner

Nursing Course

NUR505 Advanced Health Assessment
Hours 3

Advanced Health Assessment is designed for graduate level nurse practitioner students to enhance their clinical skills and deepen their understanding of comprehensive patient evaluation to build a foundation for advanced practice nursing competencies. Through a combination of theoretical knowledge and practical application, students will engage in obtaining a comprehensive health history and performing advanced health assessment techniques on individuals across the lifespan.

NUR506 Advanced Clinical Foundations
Hours 3

This required course in the MSN non-APRN programs with a direct care focus prepares students to integrate advanced concepts of pathophysiology, pharmacology, and health assessment within the contexts of individuals, families, and populations. This course may also be taken by those in APRN concentrations who have previously successfully completed Advanced Health Assessment, Advanced Pathophysiology, and Advanced Pharmacology courses.

NUR508 Health Assessment
Hours 3

This course prepares the Master's Entry to the Profession of Nursing Student in the development of health assessment skills including the health history, physical, psychosocial, and spiritual aspects necessary for critical thinking in professional nursing practice. Adult physical assessment techniques will be developed through simulation and practice within a practice lab setting. (2 didactic & 1 clinical: 60 clock hours).

Prerequisite(s): Admission into the Master of Science Entry to the Profession of Nursing (MEPN) Program

Prerequisite(s) with concurrency: NUR 512 Human Pathophysiology - Minimum grade of a B or higher and NUR 515 Introduction to Dosage Calculations - Minimum grade of a B or higher and NUR 523 Conceptual Foundations for Nursing - Minimum grade of a B or higher and NUR 733 Informatics for Advanced Practice Nursing - Minimum grade of a B or higher

NUR510 Basic Concepts of Teaching Diabetes Self-Management Techniques
Hours 3

This online elective course is open to any graduate student in the health or social sciences. The course focuses on: Diabetes Self-Management Techniques (DSMT) and instructs the provider in what manner to impart information that has immediate application for people living with diabetes. The course focuses on application of clinical guidelines for exercise and fitness, nutrition and diet, and the techniques, products, and strategies that help patients learn diabetes self-management techniques that empower them to take charge of their well-being and live healthier lives.

Prerequisite(s): Premission by Instructor

NUR512 Foundations in Human Pathophysiology
Hours 4

This course is an introduction to fundamental pathophysiology of the human body. This course examines physiological change that results in disruptive adaptive responses throughout the lifespan. These disruptive responses are approached in a systematic manner. A combination of identified cellular concepts and body systems approach is used to structure course content. Included are basic cellular processes in human pathology, pathology associated with the major body systems, and physiology associated with the aging process.

NUR513 Special Topics
SP

Hours 1-4

This course focuses on selected MSN topics under the sponsorship of a nursing faculty member with relevant expertise.

Special Topics Course

NUR515 Introduction to Dosage Calculation
Hours 2

The purpose of this course is to provide students with the opportunity to review basic math concepts and problems; examine the different systems of measurement and abbreviations; examine methods of dosage calculation required for the safe administration of adult and pediatric medications; interpret drug orders; and solve calculations of different medication preparations. Through didactic instruction, case studies, and multimedia, students will develop and enhance their knowledge of medication calculations.

Prerequisite(s): Admission to program

Prerequisite(s) with concurrency: NUR 508 Health Assessment - Minimum grade of a B or higher and NUR 512 Pathophysiology - Minimum grade of a B or higher and NUR 523 Conceptual Foundations for Nursing - Minimum grade of a B or higher and NUR 733 Informatics for Advanced Practice Nursing - Minimum grade of a B or higher

NUR516 Advanced Diabetes Management: An Interdisciplinary Approach Across the Lifespan
Hours 3

This online elective course is open to any graduate student in the health or social sciences. The course focuses on the primary, secondary, and tertiary prevention and management of diabetes mellitus offering expanded content suitable to students pursing graduate study in nursing, medicine, nutrition, and other social sciences. Building on the basic and advanced science and clinical management courses a multi-disciplinary approach is offered for the prevention of pre-diabetes, metabolic syndrome, type 2 diabetes, management of both types 1 and 2 diabetes mellitus across the lifespan. Special emphasis is placed on the prevention and management of the complications and co-morbid conditions potentially resulting from diabetes mellitus.

NUR517 Graduate Independent Study
SP

Hours 1-4

No description available

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Special Topics Course

NUR521 Advanced Pharmacology
Hours 3

This course will assist the graduate nursing student to further develop knowledge of evidence-based clinical pharmacology. Course content will include basic principles of pharmacology as they apply to drug therapy across the lifespan. A prototype approach will be used to present content covering selected drugs affecting the peripheral nervous system, central nervous system, cardiovascular system, renal system, endocrine system, immune system, musculoskeletal system, respiratory system, gastrointestinal system, and chemotherapy for infection and cancer.

NUR523 Conceptual Foundations for Nursing
Hours 3

This course analyzes and synthesizes key concepts and critical issues pertinent to professional nursing practice. Students will examine the foundational values of professional nursing and explore the complex issues that impact nursing practice. Emphasis will be placed on applying professional values; evaluating the legal and ethical responsibilities of the professional nurse; integrating interprofessional teamwork and collaboration; and developing strategies for the care of the psychosocial integrity of culturally diverse individuals and populations across the lifespan. Through this course, students will critically assess and apply the knowledge necessary to navigate the multifaceted roles of the professional nurse in diverse healthcare settings.

Prerequisite(s) with concurrency: NUR 508 Health Assessment - Minimum grade of a B or higher and NUR 512 Human Pathology - Minimum grade of a B or higher and NUR 515 Introduction to Dose Calculations - Minimum grade of a B or higher

NUR529 Advanced Pathophysiology
Hours 3

This advanced course explores the complex mechanisms of disease processes, providing advanced practice students with a comprehensive understanding of pathophysiology to build a foundation for advanced practice nursing competencies. Emphasizing clinical applications, the course covers the etiology, pathogenesis, and clinical manifestations of various diseases across the lifespan.

NUR531 Nursing Faculty Roles and Responsibilities
Hours 3

This online course will provide an introduction to the roles and responsibilities of nursing faculty. This course will prepare students to participate in the processes of designing, implementing, and evaluating a nursing curriculum. This course will include roles and responsibilities of faculty in teaching, scholarship, service, and practice.

NUR532 Instructional Media for Nursing Education
Hours 3

This course will provide students with an overview of instructional technology and media that can be used in undergraduate and graduate level instruction in nursing education programs. This course will provide students with skills to begin on site and online instruction. It will explore the use of computers, software, models, simulators, and other instructional media.

Prerequisite(s): AIL 600 and AIL 602

Prerequisite(s) with concurrency: AIL 600 and AIL 602

NUR534 Fundamentals of Professional Nursing Practice
Hours 6

Integration of knowledge, theories and skills from the humanities, arts and sciences serves as the foundation for this clinical course. Students will further build upon adult assessment skills necessary for critical thinking in professional nursing practice. Clinical skills related to communication and basic care techniques will be developed through simulation and practice with clients on the clinical unit. The nursing process will be presented as a framework for critical thinking, decision-making and nursing practice. Levels of prevention will be introduced as a model for health care.

Prerequisite(s): NUR 508 Health Assessment - minimum grade of a B or higher NUR 512 Human Pathophysiology - minimum grade of a B or higher NUR 515 Introduction to Dosage Calculations - minimum grade of a B or higher NUR 523 Conceptual Foundations for Nursing - minimum grade of a B or higher NUR 733 Informatics for Advanced Practice Nursing - minimum grade of a B or higher

Prerequisite(s) with concurrency: NUR 536 Pharmacology for Nursing Practice - minimum grade of a B or higher and NUR 727 Foundations of IS and EBP - minimum grade of a B or higher

NUR536 Foundations in Pharmacology
Hours 3

The purpose of this required course is to introduce the student to the role of pharmaceutical agents in assisting patients with health problems throughout the lifespan. A brief history and a discussion of the legal controls that regulate the field of pharmacology are included. Drug prototypes are utilized to examine the major classifications of drugs. Use of a handheld electronic devise and accompanying software facilitates discussion of major drug classification with regard to pharmacokinetics, therapeutic uses, adverse reactions, precautions, and contraindications. Special considerations of diverse cultural backgrounds, ethnic factors, access to financial resources, lifespan issues, and genetic variations impacting drug therapy are included. Health teaching and nursing implications for drug classifications are discussed.

NUR549 Roles & Leadership in Nursing Executive
Hours 3

The purpose of this course is to provide the student with the tools and resources to embrace the role of the Nurse Executive and successfully balance leadership and management cohesively. This course will comprehensively cover leadership concepts to include working collaboratively in interdisciplinary teams, professional roles and scopes of practice, human resource management, staffing, conflict resolution, sustainable change, and decision-making practices.

Prerequisite(s): Co-Requisite: NUR 550 - Roles&Lead Nur Exec Practicum

NUR550 Roles & Leadership in Nursing Executive Practicum
Hours 3

The purpose of this clinical course is to provide the student with the opportunity to apply concepts and theory from NUR 549 in an authentic clinical environment to narrow the theory practice gap through application and experiential learning. The focus is on application of leadership concepts to include working collaboratively in interdisciplinary teams, professional roles and scopes of practice, human resource management, staffing, conflict resolution, sustainable change, and decision-making practices.

Prerequisite(s): Co-Requisite: NUR 549 Roles&Leadership Nursing Exec

NUR551 US Healthcare Systems and Quality & Safety
Hours 3

The purpose of this course is to prepare future nurse administrators for the complexities of healthcare management by giving them the tools and resources to understand and critically appraise the unique dynamics of the U.S. healthcare system. This course will include information related to healthcare delivery, quality improvement, public policy, laws, accrediting bodies, and regulatory statutes.

NUR552 US Health Care Systems and Quality & Safety Practicum
Hours 3

The purpose of this clinical course is to provide the nursing administrator student with the opportunity to apply concepts and theory from NUR 551 in an authentic clinical environment to narrow the theory practice gap through application and experiential learning. The focus is on the application of public policy, laws, accrediting bodies, and regulatory statutes as they relate to the delivery of health care in the U.S.

NUR553 Advanced Financing and Strategic Planning in Health Care
Hours 3

The purpose of this course is to prepare future nurse administrators to be highly effective and influential strategic planners and financial leaders within the organization. This course addresses principles of strategic planning and fiscal resource management to include SWOT analyses, business plans, reimbursement models, cost analysis, budgeting, contract development, financial aspects of program development and evaluation, and cost accounting and tracking.

NUR554 Advanced Financing and Strategic Planning in Health Care Practicum
Hours 3

The purpose of this clinical course is to provide the student with the opportunity to apply concepts and theory from NUR 553 in an authentic clinical environment narrowing the theory practice gap through application and experiential learning. The focus is on the application of the principles of strategic planning and fiscal resource management to include SWOT analyses, business plans, reimbursement models, cost analysis, budgeting, contract development, financial aspects of program development and evaluation, and cost accounting and tracking.

NUR555 Professional Nursing Practice: Adults
Hours 7

This course focuses on actions designed to detect and intervene in actual or potential health problems in adults and to determine actions that will ameliorate or reduce the consequences of adult disease through support or rehabilitation. It will prepare the student to provide care to adult patients experiencing common and/or complex physiological alterations and responses. The course addresses concepts, theories, and research findings essential to promote and restore health of adults from culturally diverse populations. Clinical experiences are designed to develop skills for early detection and care of acute and chronic health problems in adults and prevention of further disability. Clinical requirements are pass/fail. Students are required to pass the clinical component of course to successfully complete the course regardless of grade received in the didactic or theory portion of the course.

Prerequisite(s): Minimum grade of B or higher: NUR 508 Health Assessment NUR 512 Pathophysiology Basic NUR 515 Introduction to Dose Calculations NUR 523 Conceptual Foundations in Nursing CareProfessional NUR 733 Nursing Informatics NUR 534 Fundamentals of Professional Nursing Practice NUR 536 Pharmacology NUR 727 Foundations of IS and EBP

Prerequisite(s) with concurrency: Minimum grade of B or higher: and NUR 556 Professional Nursing Practice: Mental Health Nursing and NUR 740 Health Policy and Politics

NUR556 Professional Nursing Practice: Mental Health
Hours 4

This course focuses on theory, concepts, and management functions essential to professional nursing practice in the improvement of the mental health of culturally diverse persons and the prevention of further disability. Course content is organized around evidence that contributes to a holistic understanding of mental health conditions and effective intervention strategies that assist the individual and family to adapt and recover. The social, legal, and ethical implications of providing nursing care to culturally diverse individuals with mental health conditions are integrated throughout the content.#Essential skills for the student are therapeutic communication in mental health, identification of practice issues, interprofessional collaboration, evaluation of outcomes, and the application of evidence-based practice models.##Actions will be taken to participate in quality improvement by ameliorating or reducing the consequences of mental health problems. These essential skills are designed to provide quality care while improving the mental health of persons and preventing further disability.

Prerequisite(s): Minimum grade of B or higher: NUR 508 Health Assessment NUR 512 Pathophysiology Basic NUR 523 Conceptual Foundations for Nursing NUR 515 Introduction to Dose Calculations NUR 733 Nursing Informatics NUR 534 Fundamentals of Professional Nursing Practice NUR 536 Pharmacology for Nursing Practice NUR 727 Foundations of IS & EBP

Prerequisite(s) with concurrency: Minimum grade of B or higher: and NUR 555 Professional Nursing Practice: Adults and NUR 740 Health Policy & Politics

NUR558 Professional Nursing Practice: Childbearing
Hours 4

This course focuses on the role of the nurse in providing holistic, patient-centered care to the childbearing family. The student will be given simple to complex situations in classroom, clinical and technological-based experiences, emphasizing evidence-based practice and quality improvement as members of an interdisciplinary team. A major focus will be the implementation of nursing care to childbearing families who are experiencing a normal maturational process as well as related acute/chronic health problems to provide holistic, patient-centered care to childbearing families from culturally diverse populations.

Prerequisite(s): Minimum grade of B or higher: NUR 555 Professional Nursing Practice: Adults NUR 556 Professional Nursing Practice: Mental Health NUR 740 Health Policy and Politics

Prerequisite(s) with concurrency: Minimum grade of B or higher: and NUR 579: Professional Nursing Practice: Community Health and NUR 583: Professional Nursing Practice: Children

NUR567 Family Nurse Practitioner Role & Issues
Hours 3

This course includes the professional role of the Family Nurse Practitioner (FNP) serving diverse populations across the lifespan. Emphasis is on the influence of nurse practitioners on outcomes at the systems level. Students will assess complex demands; plan coordinated, multidisciplinary, evidence-based collaborative approaches to care; and appraise strategies for evaluation of outcomes.

Prerequisite(s): NUR 505, NUR 521, NUR 529 - with a grade of B or better

Prerequisite(s) with concurrency: NUR 568 with a B or Better

NUR568 FNP Clinical Readiness
Hours 3

The clinical readiness course ensures that graduate nursing students acquire the foundational knowledge and skills necessary for safe, effective patient care. Through a variety of learning opportunities, students integrate pharmacology, pathophysiology, and physical assessments (the 3P's), along with clinical reasoning, labs/diagnostics, documentation, and interdisciplinary principles of practice. Emphasis is placed on patient safety, clinical judgement, and person-centered care to prepare students for direct care responsibilities. The course culminates in students, demonstrating clinical competencies aligned with their scope of practice while fostering professional identity, collaboration, and accountability.

Prerequisite(s): NUR 505 and NUR 521 and NUR 529

Prerequisite(s) with concurrency: NUR 567

NUR569 Family Nurse Practitioner I
Hours 3

This course integrates theoretical, and evidence-based foundational knowledge in health promotion, disease prevention, diagnosis, and management of adults in a primary care setting with a particular focus on rural and medically underserved populations.

Prerequisite(s): NUR 567

NUR570 Family Nurse Practitioner Clinical I
Hours 3

In this clinical course, the FNP student will apply the theoretical and evidence-based foundational knowledge in health promotion, disease prevention, diagnosis, and management of adults in a primary care setting with a particular focus on rural and medically underserved populations. There are 180 clinical hours required for course completion.

Prerequisite(s): NUR 567 with a grade of B or better

NUR571 Family Nurse Practitioner II
Hours 3

This course integrates theoretical, and evidence-based foundational knowledge in health promotion, disease prevention, diagnosis, and management of women and children in a primary care setting with a particular focus on rural and medically underserved populations.

Prerequisite(s): NUR 569 - Must have a B or better. NUR 570 - Must have a B or better.

NUR572 Family Nurse Practitioner Clinical II
Hours 3

In this clinical course, the FNP student will apply the theoretical and evidence-based foundational knowledge in health promotion, disease prevention, diagnosis, and management of women and children in primary care with a particular focus on rural and medically underserved populations. There are 180 clinical hours divided equally between the two populations are required for course completion.

Prerequisite(s): NUR 569 - Must pass with a B or better. NUR 570 - Must pass with a B or better.

NUR573 Family Nurse Practitioner III
Hours 3

This course integrates theoretical, and evidence based foundational knowledge in health promotion, disease prevention, diagnosis, and management of care across the lifespan with a particular focus on rural and medically underserved populations.

Prerequisite(s): NUR 571, NUR 572 - All prereqs must be completed with a B or better

NUR574 Family Nurse Practitioner Clinical III
Hours 3

In this clinical course, the FNP student will apply the theoretical and evidence-based foundational knowledge in health promotion, disease prevention, diagnosis, and management of care across the lifespan with a particular focus on rural and medically underserved populations. There are 180 clinical hours required for course completion.

Prerequisite(s): NUR 571, NUR 572 - Prerequisites must be completed with a B or better

NUR575 Family Nurse Practitioner IV Review (Didactic) and Clinical Immersion
Hours 5

This immersive course incorporates a concentrated clinical practice experience that prepares the FNP student for full scope of practice and supports preparation for licensure and certification. . Using an evidence-based practice framework the student will apply health promotion, disease prevention, and in the provision of patient-centered care in rural medically underserved areas. There are 240 clinical hours in Across the Lifespan population required for course completion. Students will demonstration knowledge of advanced pathophysiology, and pharmacologic interventions according to current standards of care across the lifespan in primary health care clinical settings while learning the family nurse practitioner's role and responsibilities in the provision of patient-centered, ethical, culturally competent care.

Prerequisite(s): NUR 573 NUR 574

NUR576 Teaching & Learning Strategies
Hours 3

This course will prepare students to apply evidence-based adult teaching and learning strategies in academic and clinical settings designed to enable the student to teach nursing content, promote effective learning environments, and evaluate academic success in a variety of contexts. The student will learn the pedagogy of delivering nursing content in environments that include face-to-face and distance formats, incorporating a variety of technologies, and didactic methods that include the cognitive, affective, and psychomotor domains of learning.

NUR577 Academic Immersion
Hours 4

This course will provide students with the opportunity to apply concepts and skills in curriculum development, didactic teaching, and evaluation methods as well as responsibilities within the nurse educator role. The student can choose from a variety of academic settings in which to interface with students, faculty, administrators, and support services within the chosen academic institution. Practicum hours involve observational and hands on teaching experiences. The student will work with a preceptor to complete 3 credit hours (180 clock hours) of practical experience in the educator role and 1 credit hour in seminar.

Prerequisite(s): NUR 576 with a B or better

NUR578 Clinical Immersion
Hours 4

This course will provide students with the opportunity to apply concepts and skills in clinical teaching and evaluation methods within the nurse educator role. The student will apply specialized, hands on, educational concepts within specialized clinical and practice lab settings. The student will work with a preceptor to complete 3 credit hours (180 clock hours) of practical experience in the educator role and 1 credit hour in seminar.

Prerequisite(s): NUR 577 with a B or better

NUR579 Professional Nursing Practice: Community Health
Hours 4

This course analyzes the foundational principles of health promotion and community-based nursing, with a focus on enhancing the health and well-being of diverse populations. Students will explore various theories, models, and research findings essential for understanding the dynamics of health promotion in culturally diverse aggregates, populations, and communities. Emphasis is placed on evaluating the social, cultural, environmental, and policy factors that influence health behaviors, health disparities, and health outcomes across communities. The course will also synthesize knowledge on community engagement strategies, behavioral change theories, and the application of these frameworks in the development of health promotion interventions. Students will apply evidence-based practices to address health challenges in rural and underserved populations. Furthermore, the course will incorporate a critical assessment of the role of nursing in advocating for policy changes that promote health equity and sustainable community health solutions.

Prerequisite(s): Minimum grade of B and higher: NUR 555 Professional Nursing Practice: Adults NUR 556 Professional Nursing Practice: Mental Health NUR 740 Health Policy and Politics

Prerequisite(s) with concurrency: Minimum grade of B and higher: and NUR 558 Professional Nursing Practice: Childbearing and NUR 583 Professional Nursing Practice: Children

NUR583 Professional Nursing Practice: Children
Hours 4

This course focuses on actions designed to detect and intervene in actual or potential health problems in children and to determine actions that will ameliorate or reduce the consequences of disease in children through support or rehabilitation. Students will develop skills in early detection and recognition of disease in children, and in care for acute and chronic health problems. Students will incorporate clinical skills necessary to provide culturally-competent care to children from culturally diverse populations.

Prerequisite(s): Minimum grade of B or higher: NUR 555 Professional Nursing Practice: Adults NUR 556 Professional Nursing Practice: Mental Health NUR 740 Health Policy and Politics

Prerequisite(s) with concurrency: Minimum grade of B or higher: and NUR 558: Professional Nursing Practice: Childbearing and NUR 579: Professional Nursing Practice: Community Health

NUR584 Professional Nursing Practice: Complex Client
Hours 4

This synthesis course provides opportunities for the student to examine complex, acute and chronic health problems. Students will apply concepts from prerequisite and concurrent courses and use clinical reasoning thinking and decision-making skills to evaluate interventions to ameliorate or reduce health problems. Clinical activities will focus on nursing actions used to intervene in care of complex clients. The first portion of this course serves as a bridge from adult health and mental health nursing concepts into a holistic approach to caring for clients with complex and critical health problems.

Prerequisite(s): Minimum grade of B and higher: NUR 558 Professional Nursing Practice: Childbearing NUR 579 Professional Nursing Practice: Community Health Clinical NUR 583 Professional Nursing Practice: Children

Prerequisite(s) with concurrency: Minimum grade of B and higher: and NUR 600: Transition to Practice with a Rural Preceptorship and NUR 601: Preparation for Licensure and NUR 735 Population Health in Advanced Practice Nursing and NUR 737 Interdisciplinary Leadership and Role Development for Practice Excellence

NUR591 Leadership and Advocacy in Psychiatric Mental Health Nurse Practitioner Practice
Hours 3

The purpose of this course is to focus on concepts, theories and research underlying advanced practice psychiatric mental health nursing. The scope and standards of psychiatric-mental health nursing practice will be presented. Mental health treatment modalities across the lifespan including psychotherapy, psychopharmacological interventions, community interventions, case management and consult-liaison activities will be examined. Psychological, biological, social, and cultural influences on coping responses of individuals, families, groups, and communities of people/populations at risk are explored. Intervention models, including preventive care and health promotion are introduced.

Prerequisite(s): NUR 505, NUR 521, NUR 529 with a B or better

NUR592 Diagnosis & Evidence Based Treatment for Vulnerable & Specialized People with Psychiatric Disorders
Hours 5

The purpose of this course is to provide an immersive clinical experience in which the PMHNP student demonstrates competencies for full scope of practice and supports preparation for licensure and certification utilizing evidence-based practice, the student will provide patient-centered mental health care that is culturally congruent. Students will demonstrate competence in the provision of mental health across the treatment trajectory from health promotion and disease prevention to emergent crisis care and chronic illness management across the lifespan. Students will complete 240 clinical hours in across the lifespan population care.

Prerequisite(s): NUR 597 and NUR 598 with a B or better

NUR593 Mastering Diagnosis & Evidence Based Treatment for Children & Adolescents with Psychiatric Disorders
Hours 3

The purpose of this course is to focus on the study of Psychiatric Mental Health Nurse Practitioner (PMHNP) conceptual frameworks, theories, and research findings related to common psychiatric disorders among children and adolescent (birth to 17) patients in urban, suburban, and rural settings. Biological and pharmacologic theories, developmental issues of children and adolescent (birth to 17) patients, psychotherapeutic modalities, primary prevention, and evaluation of treatment will be emphasized.

Prerequisite(s): NUR 595 and NUR 596 with a grade of B or better

NUR594 Evidence Based Advanced Clinical Practice for Children and Adolescents with Psychiatric Disorders
Hours 3

The purpose of this clinical course is to provide the student with the ability to apply treatment of psychopathology. The role of the Psychiatric Mental Health Nurse Practitioner (PMHNP) in the assessment, diagnosis, and treatment of children, adolescents, young adults, and families in urban, suburban, and rural settings will be explored. This course will also provide students the opportunity to apply psychobiological information in conjunction with the use of psychopharmacological and psychotherapeutic interventions with patients. Students must complete 180 clinical hours working with children and adolescents from birth to 17.

Prerequisite(s): NUR 595 and NUR 596 with a B or better

NUR595 Mastering Diagnosis & Evidence Based Treatment of Psychiatric Disorders in the Adult and Older Adult
Hours 3

The purpose of this course is for Psychiatric Mental Health Nurse Practitioner (PMHNP) students to learn how to critically appraise theoretical approaches for psychotherapeutic interventions with adult and elderly patients and families in urban, suburban, and rural areas. This course provides a theoretical basis for advanced practice of Psychiatric Mental Health Nursing. This course will also provide the student with an understanding of the dynamics, epidemiology, and treatment of selected psychopathology, specifically focused on adult and elderly patients. In addition, the role of the PMHNP in the assessment, diagnosis, and treatment of adult and elderly patients with mental disorders will be explored.

Prerequisite(s): NUR 591 and NUR 568 with a grade of B or better

NUR596 Evidence Based Advanced Clinical Practice in Adult and Older Adults with Psychiatric Disorders
Hours 3

The purpose of this clinical course is for Psychiatric Mental Health Nurse Practitioner (PMHNP) students to critically appraise and apply theoretical approaches for psychotherapeutic interventions with adult and elderly patients and families in urban, suburban, and rural areas. This course will also provide the student with an opportunity to apply the dynamics, epidemiology, and treatment of selected psychopathology, specifically focused on adult and elderly patients. In addition, the role of the PMHNP in the assessment, diagnosis, and treatment of adult and elderly patients with mental disorders will be applied. Students must complete 180 clinical hours providing psychopharmacotherapeutic and psychotherapeutic interventions to adults, elderly and their families.

Prerequisite(s): NUR 593, NUR 594; must complete with a B or better

NUR597 Mastering Diagnosis & Evidence based Treatment of Psychiatric Disorders Across the Lifespan
Hours 3

The purpose of this course is for Psychiatric Mental Health Nurse Practitioner (PMHNP) students to demonstrate comprehension of multiple theoretical approaches for psychotherapeutic interventions across the lifespan in urban, suburban, and rural areas. This course also covers the dynamics, epidemiology, assessment, diagnosis, and treatment of selected psychopathologies. Appropriate evidence-based psychopharmacological and psychotherapeutic (individual, family and group) interventions are examined.

Prerequisite(s): NUR 593 and NUR 594 with a grade of B or better

NUR598 Evidence Based Advanced Clinical Practice Across the Lifespan for Psychiatric Disorders
Hours 3

The purpose of this clinical course is for Psychiatric Mental Health Nurse Practitioner (PMHNP) students to demonstrate application of multiple theoretical approaches for psychotherapeutic interventions across the lifespan in urban, suburban, and rural areas. This course provides PMHNP students an opportunity to apply clinical skills in the assessment, diagnosis, and treatment of selected psychopathologies. Students will apply appropriate evidence-based psychopharmacological and psychotherapeutic (individual, family and group) interventions in a wide range of clinical settings. Students must complete 180 clinical hours treating patients across the lifespan (with a minimum of 40 child and adolescent).

Prerequisite(s): NUR 593 and NUR 594 with a grade of B or better

NUR599 Master's Thesis
Hours 3-6

This course is designed to assist the student in selecting a foundational area of inquiry or phenomenon of interest, and creating original scholarship written under the direction of the faculty advisor. It is expected that the project will culminate in the production of a research product (thesis) that evidences originality, appropriate organization, clarity of purpose, critical analysis, and accuracy and completeness of documentation. The work shall involve an analysis or study related to a professional nursing phenomenon of interest such as, but not limited to: direct patient care concerns, systems level quality improvement, healthcare policy, or nursing administration.

NUR600 Transition to Practice with a Rural Health Preceptorship
Hours 4

This required course focuses on leadership theory and management functions essential to professional nursing. It serves as a capstone course for the MEPN. Essential skills are communication, interprofessional collaboration, negotiation, delegation, coordination, evaluation of interdisciplinary work, and the application of evidence-based practice models. Clinical experiences focus on the enactment of the professional nurse role in a concentrated practicum which requires a culmination of knowledge and skill while in the nursing program. Leadership and management principles and clinical judgment skills are applied as students enhance direct care delivery skills, critical thinking, and decision-making. A culminating Capstone Project is required and is designed to give students an experiential learning opportunity at the point of care by working with healthcare providers to demonstrate mastery of the leadership principles and management concepts presented within this course.

Prerequisite(s): Minimum grade of B or higher NUR 558 Professional Nursing Practice: Childbearing NUR 579 Professional Nursing Practice: Community Health Clinical NUR 583 Professional Nursing Practice: Children

Prerequisite(s) with concurrency: Minimum grade of B of higher and NUR 601 Preparation for Licensure and NUR 735 Population Health in Advanced Practice Nursing and NUR 584 Professional Nursing Practice: Community Health and NUR 737 Interdisciplinary Leadership & Role Development for Practice Excellence

NUR601 Preparation for Licensure
Hours 1

The focus of this course is to support students to assess their individual knowledge acquisition and to implement strategies to address identified deficiencies and maximize learning with faculty assistance. Through this course students will use individual, group, and technology-based methods to facilitate critical thinking and problem-solving using client case studies. Students will also complete the NCLEX licensure application process.

Prerequisite(s): Minimum grade of B or higher: NUR 558 Professional Nursing Practice: Childbearing NUR 579 Professional Nursing Practice: Community Health Clinical NUR 583 Professional Nursing Practice: Children

Prerequisite(s) with concurrency: Minimum grade of B or higher: and NUR 600 Leadership & Rural Health Preceptorship and NUR 735 Population Health in Advanced Practice Nursing and NUR 584 Professional Nursing Practice: Complex Client and NUR 737 Interdisciplinary Leadership & Role Development for Practice Excellence

NUR602 Global Citizenship & Service Learning Abroad
Hours 1

This course prepares students for meaningful and ethical service experiences abroad through brief, engaging modules that promote reflection, global and cultural perspectives, and practical preparation and immersion. It supports students with diverse academic and professional goals.

NUR620 Curriculum Theory & Practice
Hours 3

This course critically examines historical and contemporary discourses necessary to understand curriculum as a synergetic field of study and an area of professional practice. Factors related to organizing curriculum will be considered based on analysis, interpretation and synthesis of contextual data. Students will determine directions, outcomes, and goals for curriculum and course design. Methods for curriculum evaluation and a dashboard for successful implementation will be emphasized. Students will demonstrate their ability to develop and critique curriculum in the context of instruction through reflection, observation, documentation, and descriptive analysis and to relate ethical, moral, and social justice concerns to curriculum practice.

Prerequisite(s): NUR 531 with a B or better

NUR668 PMHNP Clinical Readiness
Hours 3

The clinical readiness course ensures that all students acquire the foundational knowledge and skills necessary for safe, effective patient care. Through a variety of learning opportunities, students integrate pharmacology, pathophysiology, and physical assessments (the 3P's), along with clinical reasoning, labs/diagnostics, documentation, and interdisciplinary principles of practice. Emphasis is placed on patient safety, clinical judgement, and person-centered care to prepare students for direct care responsibilities. The course culminates in students, demonstrating clinical competencies aligned with their scope of practice while fostering professional identity, collaboration, and accountability.

Prerequisite(s): NUR 505, NUR 521, NUR 529

Prerequisite(s) with concurrency: NUR 591

NUR696 Doctoral Seminar in Research
Hours 3

Students are expected to utilize knowledge from quantitative methodology and statistics in this course. The seminar will provide students with opportunities to synthesize knowledge gained in this and other courses in order to address topics of for research in nursing education.

NUR700 Clinical Data Mgt & Analysis
Hours 3

This required course provides students with the knowledge base to understand, collect, manage, and measure clinical data. Students will explore data collection and management processes, levels of measurement, basic statistics, and measurement for improvement in order to effectively use clinical data. Data entry exercises employed through analytical tools and statistical software packages will allow the students practice and apply the basic data management and analysis skills needed for the evaluation of clinical data and evidence-based practice.

NUR701 Writing for Publication
Hours 3

This course concerns the development of skills in writing, editing, and preparing manuscripts for publication from initial idea to submission of a publishable manuscript. The course emphasizes a writing process that encourages productivity and collegial peer review. Legal and ethical aspects of authorship prepare students for responsible practices expected of scholars. Students should have mastered basic writing skills, e.g., grammar, syntax, and computer skills, prior to enrolling in this course.

Prerequisite(s): NUR 706 with a B or better

NUR706 Introduction to Writing
Hours 1

The purpose of this course is to provide students with an introduction and foundation to the basic principles of scholarly writing with focus on writing for a clinically focused student. The student will explore APA guidelines, the principles of plagiarism, the foundational concepts of writing, and basic guidance in writing for academic/scholarly publications.

NUR713 Special Topics
SP

Hours 1-4

This course focuses on selected DNP topics under the sponsorship of a graduate nursing faculty member with relevant expertise.

Special Topics Course

NUR717 DNP Independent Study - Special Topics
SP

Hours 1-4

The independent study option provides an opportunity for students to identify, structure, implement and evaluate learning experiences consistent with personal learning needs and career plans that are in addition to the current curriculum.

Special Topics Course

NUR727 Foundations of Implementation Science and Evidence-Based Practice
Hours 3

The purpose of this course is to provide students with foundations for implementation science and evidence-based practice (EBP). Students learn to formulate clinical questions in answerable format, and search for and identify best research evidence. The focus of the course is to evaluate and critically appraise evidence for rigor and applicability to the clinical problem and is designed to improve clinical outcomes. Students will translate the evidence into practice environments for safe quality care, gain access to information that will support optimal clinical decision-making, and identify models and theories to support clinical change.

NUR728 Evidence-Based Project Methods and Evaluation
Hours 3

The purpose of this course is to synthesize knowledge related to translational/implementation science models and strategies to improve health outcomes. The emphasis in the course is the use of project evaluation as a strategic planning tool to achieve positive changes in health status, to initiate quality improvement, to engage in risk anticipation and management, and to facilitate organizational and system level changes.

Prerequisite(s) with concurrency: NUR 727 with a B or Better

NUR729 EBP Design and Translation
Hours 3

The purpose of this course is to provide students with models for evidence-based practice (EBP) design and improvement translation. Students learn to formulate clinical questions in answerable format, and search for and identify best research evidence. The focus of the course is to evaluate and critically appraise evidence for rigor and applicability to the clinical problem and is designed to improve clinical outcomes. Students will translate the evidence into practice environments for safe, quality care. Students will gain access to information that will support optimal clinical decision-making. Improvement translation sciences will also be introduced.

NUR731 Philosophical, Theoretical, and Conceptual Foundations for Advanced Practice Nursing
Hours 3

This required core course for the Doctor of Nursing Practice program provides an understanding of the use of theory and conceptual foundations to guide the complexity of specialty nursing practice at the doctoral level. The content is derived from the philosophical and scientific underpinnings of nursing, natural, and psycho-social sciences.

NUR733 Informatics for Advanced Practice Nursing
Hours 3

This required course focuses on the collection, organization, analysis, and dissemination of information in nursing and health care. Students are introduced to the specialty of nursing informatics, the information system life-cycle, telemedicine, and the use of technology to enhance nursing care delivery and patient safety. Also, students learn how to design, use, and manipulate large and small patient databases for the analysis of patient outcomes.

NUR734 Advanced Experiential Clinical Course
Hours 1-7

This course is designed to validate Master's level competencies in clinical and organizational leadership. The course is required for post-master's DNP students who are graduates of programs in nursing with less than 500 clinical hours.

NUR735 Population Health in Advanced Practice Nursing
Hours 3

This required course equips students to implement population-based strategies for disease prevention and health promotion, aligning with national and global goals to enhance health outcomes worldwide. Emphasis is placed on a range of critical health issues, including emerging infectious diseases, emergency preparedness, health disparities, and the influence of behavior and lifestyle choices on overall health.

NUR737 Interdisciplinary Leadership and Role Development for Practice Excellence
W

Hours 3

This course prepares students for organizational and systems leadership and knowledge and skills critical to role development in independent and inter and intra-disciplinary practice. Content includes communication, conflict resolution, collaboration and negotiation, leadership, and team functioning to maximize success in the establishment of safe, effective patient-centered care in complex environments.

Writing

NUR740 Health Policy & Politics: Implications in Health Care
Hours 3

This course focuses on the basic principles of health policy and the influence of the political process as a systematic approach to health care in the United States and internationally. The course prepares students to assume complex leadership roles in order to advance specialty practice and health. This course focuses on the unique challenges of engaging and influencing healthcare policy in the U.S. and internationally. It is designed to develop skills, techniques, and approaches to the critical analysis of health policy proposals, health policies, and related issues from the perspective of consumers, nursing, other health professions, and other stakeholders in policy and public forums. The health policy framework is analyzed from a governmental, institutional, and organizational perspective.

NUR742 Project Evaluation and Methods
Hours 3

The purpose of this course is to synthesize knowledge related to translational/implementation science models and strategies to improve health outcomes. The emphasis in the course is the use of project evaluation as a strategic planning tool to achieve positive changes in health status, to initiate quality improvement, to engage in risk anticipation, management and to facilitate organizational and system level changes.

NUR743 EBP Strategies
Hours 3

NUR 743 is a required core Doctor of Nursing Practice Program course, which expands on foundational evidence-based practice concepts to refine a problem statement and derive a searchable and answerable clinical question. Content includes identification and selection of methods, strategies, tools and metrics needed to complete a successful scholarly project. The course also addresses targeted strategies for disseminating evidence associated with scholarly projects.

NUR794 Introduction to the DNP Scholarly Project
Hours 1

This course provides an essential foundation for DNP students preparing for DNP Scholarly Project Immersion. It is designed to be taken in the semester prior to entering NUR 796.

NUR795 DNP Project Seminar
Hours 1

This required course is designed to assist students in developing professional competencies related to the DNP project. Students participating in the seminar will obtain guidance, be involved in discussion, and receive peer suggestions about the DNP project. Funding opportunities will be explored, presentation preparation will be initiated, and project dissemination will be reviewed.

Prerequisite(s): NUR 794 with a B or better

NUR796 DNP Project Immersion I
Hours 3

This required course is the first clinical course in the Doctor of Nursing Practice program. The practice residency is conducted in a specialty area of the student's choice. An organizational needs assessment is completed while the final project is selected and planned by the student in collaboration with the Faculty Advisor. Course faculty will provide feedback throughout the process in addition to guidance from the Faculty Advisor. IRB training and preparation are completed, and the final project proposal is developed and approved in this course.

Prerequisite(s): A clinical facility contract and clinical advisor must be approved and in place prior to enrollment in this course. NUR 701 NUR 727 NUR 728 NUR 794

NUR797 DNP Project Immersion II
Hours 3

This required course is the continuation of the clinical courses in the Doctor of Nursing Practice program. The practice residency is conducted in a specialty area of the student's choice. Students will prepare and submit the DNP Project for IRB review and revise as needed until approval is obtained from all required entities. Following approval, the student will implement and evaluate the DNP Project with guidance from the Faculty Advisor.

Prerequisite(s): NUR 796 A clinical facility contract and clinical advisor must be approved and in place before enrollment in this course.

Prerequisite(s) with concurrency: NUR 795

NUR798 DNP Project Immersion III
Hours 3

This required course is the culmination of the clinical courses in the Doctor of Nursing Practice course of study. The practice residency is conducted in a specialty area of the student's choice and guided by the DNP Essentials. Students will participate in weekly online group discussions regarding their progress providing peer feedback. The final project is evaluated, analyzed, and disseminated by the student with Faculty and Clinical Advisor guidance in the form of a professional presentation. The final DNP Project report is completed and approved by the Faculty Advisor. Students are strongly encouraged to submit a completed manuscript for publication based on the DNP Project in collaboration with the Faculty Advisor when deemed ready by the Faculty Advisor.

Prerequisite(s): NUR 796 and NUR 797 with a B grade or better

Nursing Science Courses

NUS713 Special Topics
SP

Hours 3

This course is designed to offer Joint PhD program students a range of nursing-science focused special topic courses.

Special Topics Course

NUS741 BSN-PhD Research Seminar I
UAH

Hours 1

The purpose of this course is to prepare BSN-PHD students with the foundational skills of deep reading, comprehensive literature review and critique, critical thinking, and writing skills necessary for successful advancement in a doctoral program. This course will further help students by providing more individualized support and structure to facilitate successful progression through the PhD program.

Prerequisite(s): Admission to the Graduate Program

UA-Huntsville Course

NUS742 BSN-PhD Research Seminar II
UAH

Hours 1

The purpose of this course is to aid BSN-PHD students in developing skills to assess scientific rigor, develop an argument, critique published research, professionally present (verbally and written) critique findings, develop a manuscript for publication, and will provide an opportunity to obtain hands on research experience. This course will further help students by providing more individualized support and structure to facilitate successful progression through the PhD program.

Prerequisite(s): Admission to the Graduate Program

UA-Huntsville Course

NUS743 BSN-PhD Research Seminar III
UAH

Hours 1

The purpose of this course is to prepare BSN-PHD students with the foundational skills of systematically appraising the literature to develop an appropriate and comprehensive significance section, analyzing health policy that directly relates to the students' research areas of interest, and evaluating research methodology and accompanying statistical analyses. These are important for successful advancement in a doctoral program. This course will further help students by providing more individualized support and structure to facilitate successful progression through the PhD program.

Prerequisite(s): Admission to the Graduate Program

UA-Huntsville Course

NUS750 Philosophy of Science
UAH

Hours 3

The purpose of this course is to explore the evolution of philosophy and science. Epistemology, knowledge generation, knowledge acquisition, and ways of knowing will be examined. Scientific inquiry will include reasoning, logic, and persuasive argument development.

Prerequisite(s): Admission to the Program

UA-Huntsville Course

NUS752 Informatics and Analytics for Nurse Scientists
Hours 3

The purpose of this course is to prepare nurse scientists to use informatics, electronic tools, and healthcare technologies for the purposes of nursing research. The course will focus on the use of informatics in the data management of individuals, groups, and organizations as the nurse scientist plans and executes a program of research.

Prerequisite(s): NUS 758 NUS 760

NUS754 Ethical Conduct and Legal Issues in Research
Hours 3

The purpose of this course is to introduce the student to doctoral scholarship in support of beginning a program of responsible conduct of research. This course explores current ethical and legal issues in the science of nursing research. The course will delve into best practices in research design with regard to ethics, authorship, data management and record keeping, intellectual property and ownership of data, and human subjects research. In addition, the course will cover conflicts of interest, mentoring, collaborations, peer review, research misconduct, and current ethical issues in research.

Prerequisite(s): Admission to the Joint Nursing Science PhD Program

NUS756 Application of Theoretical Models
UAH

Hours 3

The purpose of this course is to provide students a foundation for contributing to theory development processes, analyzing and critiquing theoretical foundations of research, and applying theoretical models to nursing research. This course addresses the relationship between theory and research and provides an understanding of the use of theoretical models and conceptual foundations to guide nursing research and practice.

Prerequisite(s): NUS 750

UA-Huntsville Course

NUS758 Quantitative Research Methods and Designs
Hours 3

The purpose of this course is to provide students with foundational knowledge related to quantitative research design and methods, and the skills to develop research proposals using these designs and methods. Students will progress from learning quantitative research approaches, to understanding the process and components of quantitative research. Students will end the course by integrating these new principles into a written, defensible, National Institutes of Health-style Research Strategy. Additional content will focus on the evolving role of nurses in quantitative research, the renewed focus on research rigor and reproducibility, and being a nurse scientist on interdisciplinary research teams. Special emphasis will be placed on clinical nursing designs including observational studies, quasi-experimental studies, and repeated-measures intervention studies.

Prerequisite(s): NUS 750

NUS760 Statistics I
UAH

Hours 3

The purpose of this course is to provide the student with the skills to conduct and interpret statistical data. Emphasis will be place on describing types of variables, testing hypotheses, selecting appropriate parametric and nonparametric statistical tests, analyzing data, and interpreting results.

Prerequisite(s): NUS 758

UA-Huntsville Course

NUS762 Healthcare Policy for Rural and Medically Underserved Populations
Hours 3

The purpose of this course is to explore the policy environment that influences and shapes public health and health care service delivery, including rural and medically underserved communities. Students will develop skills, techniques, and approaches to identify gaps, critically analyze and research health related issues. Utilization and delivery of data to promote and impact healthcare policy changes will be an important measure of outcome. Students will develop the ability and confidence to critically assess current health policy issues in a thoughtful, comprehensive and rigorous manner and to engage in the policy process.

Prerequisite(s): Admission in the Joint Nursing Science PhD Program

NUS764 Scientific Writing
UAH

Hours 3

The purpose of this course is to develop writing skills to produce scientific writing that is clear, concise and logical. This course will also explore the publication to include abstract and manuscript development and the submission process. Additional pathways to dissemination of nursing content will be explored as well.

Prerequisite(s): Admission to the Joint Nursing Science PhD program

UA-Huntsville Course

NUS766 Epidemiology
Hours 3

The purpose of this course is to introduce epidemiological methods for measuring population health, designing and implementing observational and experimental studies, critically reading the public health literature, and applying research findings to global and community health.

Prerequisite(s): NUS 760

NUS768 Statistics II
Hours 3

The purpose of this course is to provide advanced coursework in applied statistical approaches to data management and analysis with an emphasis on multivariate statistical approaches. Students will develop improved skills in conceptualizing, executing, analyzing, and interpreting advanced analytic strategies and to enhance their ability to propose strong, tailored analytic approaches for specific study designs and research aims. Students will gain proficiency in using statistical software to enhance their knowledge of regression, ANCOVA, MANOVA/MANCOVA, discriminant analysis, exploratory and confirmatory factor analysis, structural equation modeling, multilevel modeling, and advanced categorical approaches. Emphasis will be placed on the understanding of the mathematics, logic, and application of these techniques.

Prerequisite(s): NUS 760

NUS770 Grant Writing
Hours 3

The purpose of this course is to prepare students in the foundations of writing grants for federal external funding. This course will help students identify a step-wise process to develop a grant proposal through federal funding sources. Strategies for successful grant writing include identifying funding sources for the topic, writing a competitive grant application, developing a collaborative team of researchers for the project, and understanding the review process.

Prerequisite(s): NUS 764

NUS772 Qualitative Research Methods
UAH

Hours 3

The purpose of this course is to assist the student in using selected qualitative research methods. Learning modules will explore qualitative approaches, sampling, data collection, data analysis and dissemination. The course will review and explore the use of technology to assist the qualitative researcher.

Prerequisite(s): NUS 750, NUS 756, NUS 758

UA-Huntsville Course

NUS774 Measurement in Research
Hours 3

The purpose of this course is to provide the student with the knowledge of how to best measure biological, psychological and sociological variables within individuals, families, and systems and to assess such measures. This course includes an overview of the theories, principles and techniques that yield effective operationalization in order to obtain valid and reliable interpretations from measures.

NUS776 Advanced Research Methods
UAH

Hours 3

The purpose of this course is to assist students in developing the knowledge and skills to design a mixed methods research (MMR) study. MMR is an advanced method for collecting, analyzing, and "mixing" both quantitative and qualitative data within a single study, to understand a research problem more completely.

Prerequisite(s): NUS 752, NUS 758, NUS 760, NUS 768, NUS 772

UA-Huntsville Course

NUS799 Dissertation Hours
Hours 1-12

The purpose of this course is initiation, continuation, or completion of the dissertation for the Doctor of Philosophy (PhD) in Nursing Science degree. This course must be repeated each semester consecutively up to 24 credit hours until successful defense of the dissertation.

Prerequisite(s): Successful completion of 45 hours of NUS courses

View All Courses