ACADEMIC CATALOG
2026-2027



MIDWAY
UNIVERSITY

Midway University
Course Catalog - Nursing

Table of Contents

Nursing Forensic (ADN to MSN)..... 3
Requirements..... 3
Courses..... 4
NSG 101 - Introduction to Professional Nursing Concepts..... 4
NSG-105 - Health Assessment..... 5
NSG 110 - Skills and Pills Lab Course I..... 5
NSG 112 - Skills and Pills Lab Course II..... 6
NSG 115 - Fundamentals of Nursing..... 6
NSG 121 - Pharmacology..... 7
NSG 125 - Medical-Surgical Nursing..... 8
NSG 130 - Mental Health Nursing..... 8
NSG-218 - Maternal-Child Health Nursing..... 9
NSG 225 - Advanced Medical-Surgical Nursing and Clinicals..... 10
NSG 230 - Synthesis and Integrative Practicum..... 10
NSG 235 - Health Assessment..... 11
NSG 241 - Skills and Pills I..... 11
NSG 245 - Adult Medical-Surgical Nursing I: Fundamentals..... 12
NSG 251 - Pathopharmacology..... 13
NSG 254 - Skills and Pills II..... 13
NSG 260 - Mental Health Nursing..... 14
NSG 310 - Introduction to Professional Nursing..... 14
NSG 320 - Ethical and Legal Aspects of Nursing..... 15
NSG 340 - Health Assessment and Clinical Inference..... 15
NSG 345 - Adult Medical-Surgical Nursing II..... 16
NSG 350 - Perinatal Nursing..... 17
NSG 360 - Pharmacology..... 18
NSG 365 - Pediatric Nursing..... 18
NSG 391 - Applied Nutrition for Nursing Practice..... 19
NSG 410 - Global Health Nursing..... 19
NSG 411 - Community Health Practicum..... 20
NSG 430 - Introduction to Evidence Based Research..... 21
NSG 435 - Evidence-Based Nursing Research..... 21
NSG 440 - Trends and Issues..... 22
NSG 445 - Adult Medical-Surgical Nursing III: High Acuity Nursing..... 23
NSG 460 - Nursing Leadership and Management..... 23
NSG 461 - Nursing Leadership and Management..... 24

NSG 470 - Nursing Leadership....24
NSG 490 - Synthesis/Capstone....25
NSG 501 - Foundations of Forensics....25
NSG 502 - Courtroom Testimony and Documentation....26
NSG 510 - Professional Role Transition....26
NSG 511 - Applied Interprofessional Collaboration....26
NSG 512 - Psychosocial and Legal Aspects of Forensic....27
NSG 520 - Evidence-Based Nursing....27
NSG 530 - Quality Improvement and Safety....27
NSG 540 - Ethics and Health Policy....28
NSG 560 - Advanced Pathophysiology/Pharmacology....28
NSG 570 - Role of the Nurse Administrator....29
NSG 580 - Advanced Health Assessment....30
NSG 590 - Nursing Leadership of Healthcare Delivery Systems....30
NSG-602 - Advanced Healthcare Financial Management....31
NSG 610 - Informatics and Population Health....31
NSG 620 - Translational Research....32
NSG 625 - Curriculum Development and Implementation....32
NSG 635 - Outcome Measurement and Evaluation in Education....33
NSG 650 - Nursing Practicum....34
NSG 660 - Nursing Project....34

Nursing Forensic (ADN to MSN)

The Master of Science in Nursing Degree (MSN) program is designed to prepare students as highly skilled professionals to lead educational and complex healthcare systems. Graduates will be prepared to assume increasing accountability and responsibility in both education and leadership positions. The curriculum is designed so that graduates of the program can practice in a culturally and ethnically diverse global society. Graduates will demonstrate the knowledge, leadership, and professional competencies needed to effect positive change in healthcare, reflecting Midway University's commitment to engaging students in personalized learning experiences and preparing them for fulfilling careers.

The MSN nursing ADN to MSN Bridge is designed to prepare nurses as professional leaders in a variety of healthcare settings, corporations, and communities. Students focus on professional role development, knowledge translation, quality improvement and safety, ethics and health policy, financial and resource management, and organizational leadership. Evidence-based experiences in various settings provide students with opportunities to function as nurse administrators or nurse educators.

Total Hours to Complete - 58

Requirements

ADN Bridge Requirements

MTH 245 - Probability and Statistics - 3 hours

NSG 310 - Introduction to Professional Nursing - 3 hours
NSG 320 - Ethical and Legal Aspects of Nursing - 3 hours
NSG 410 - Global Health Nursing - 3 hours
NSG 430 - Introduction to Evidence Based Research - 3 hours
NSG 440 - Trends and Issues - 3 hours
NSG 460 - Nursing Leadership and Management - 4 hours

MSN Requirements

BUSM 520 - Leadership and Effective Decision-Making - 3 hours
NSG 510 - Professional Role Transition - 3 hours
NSG 520 - Evidence-Based Nursing - 3 hours
NSG 530 - Quality Improvement and Safety - 3 hours
NSG 540 - Ethics and Health Policy - 3 hours
NSG 570 - Role of the Nurse Administrator - 3 hours
NSG 590 - Nursing Leadership of Healthcare Delivery Systems - 3 hours
NSG 610 - Informatics and Population Health - 3 hours
NSG 610 - Informatics and Population Health - 3 hours
NSG 620 - Translational Research - 3 hours
NSG 650 - Nursing Practicum - 3 hours
NSG 660 - Nursing Project - 3 hours

Forensic Courses

NSG 501 - Foundations of Forensics - 3 hours
NSG 502 - Courtroom Testimony and Documentation - 3 hours
NSG 511 - Applied Interprofessional Collaboration - 3 hours
NSG 512 - Psychosocial and Legal Aspects of Forensic - 3 hours

Courses

NSG 101 - Introduction to Professional Nursing Concepts

This course familiarizes students with core nursing principles and standards of baccalaureate nursing practice. It covers nurse theorists, evidence-based practice, patient safety, cultural competence, informatics, and the role of nursing in healthcare delivery. Students gain an understanding of nursing’s theoretical foundations, its integration of technology, and its vital role in diverse patient care settings. This course sets the stage for students to embark on their healthcare education journey with a solid grounding in professional healthcare concepts.

Upon completion, students will be able to:

- Define professionalism and discuss the inherent values of altruism, autonomy, human dignity, integrity, and social justice in relation to the baccalaureate generalist graduate
- Integrate relevant theories, concepts, values, and professional standards into the delivery of patient-centered care
- Describe structure, mission, vision, philosophy, and values of healthcare organizations
- Explain state and national statutes, rules, and regulations that authorize and define professional nursing practice
- Examine leadership and interprofessional communication and their impact on the patient care of diverse populations across the lifespan

Grade Basis: L
Credit hours: 2.0
Lecture hours: 2.0

NSG-105 - Health Assessment

This course is designed to enhance the nurse’s physical and psychosocial assessment skills using standardized assessment instruments for diverse clients across the lifespan. Students will begin to identify pathologic change and make clinical inferences using nursing diagnoses. Prerequisite: Admission to the ADN Program or permission of the Dean, School of Health Sciences. Corequisite: NSG 115.

Upon completion, students will be able to:

- Demonstrate competency in systematic physical, psychosocial and mental health assessment.
- Utilize information systems assessment and health history tools to document assessment findings.
- Assess health/illness beliefs, values, attitudes, and practices of diverse individuals and families as well as the protective and predictive factors which influence their health.
- Recognize normal and abnormal assessment findings, including risk factors.
- Demonstrate interviewing skills and command of descriptive terminology appropriate to health assessment and interprofessional communication.
- Discuss ethical standards related to client confidentiality and the client's right to privacy when completing health histories and assessments.

Grade Basis: L
Credit hours: 2.0
Lecture hours: 2.0

NSG 110 - Skills and Pills Lab Course I

This course is designed to equip nursing students with the foundational knowledge and hands-on experience essential for the development of fundamental nursing skills and proficiency in medication management. Emphasizing safety, competence, and patient-centered care, it covers basic nursing

procedures while integrating medication administration principles. Prerequisite: Admission to the ADN Program or permission of the Dean, School of Health Sciences. Corequisite: NSG 130.

Upon completion, students will be able to:

- Demonstrate proficiency in foundational nursing procedures with a commitment to quality and patient safety.
- Administer medications safely and competently adhering to the rights of medication administration.
- Safely and accurately calculate medication dosages based on patient parameters.
- Identify potential risks and hazards related to medication administration and nursing procedures.
- Recognize the influence of cultural and social factors on medication adherence and healthcare decision making.
- Understand and apply principles of aseptic technique and infection prevention.

Grade Basis: L
Credit hours: 2.0
Lecture hours: 2.0

NSG 112 - Skills and Pills Lab Course II

This course is designed to equip nursing students with the foundational knowledge and hands-on experience essential for the development of fundamental nursing skills and proficiency in medication management. Emphasizing safety, competence, and patient centered care, it covers basic nursing procedures while integrating medication administration principles. Prerequisite: Admission to the ADN Program or permission of the Dean, School of Health Sciences. Corequisite: NSG 125.

Upon completion, students will be able to:

- Demonstrate proficiency in foundational nursing procedures with a commitment to quality and patient safety.
- Administer medications safely and competently adhering to the rights of medication administration.
- Safely and accurately calculate medication dosages based on patient parameters.
- Identify potential risks and hazards related to medication administration and nursing procedures
- Recognize the influence of cultural and social factors on medication adherence and healthcare decision making.
- Understand and apply principles of aseptic technique and infection prevention.

Grade Basis: L
Credit hours: 2.0
Lecture hours: 2.0

NSG 115 - Fundamentals of Nursing

This course is designed to introduce the nursing process and its application to basic concepts and principles of nursing assessment and care. Emphasis is placed on fundamental knowledge, caring, health care roles, communication and documentation, teaching/learning, and culture and spirituality.

Students are introduced to professional standards of nursing practice, including evidence-based practice, legal, ethical, and regulatory guidelines. Didactic 2.5 hours, Clinical 0.5 hours.

Upon completion, students will be able to:

- Understand and apply the nursing process as a systematic approach to patient care
- Demonstrate competence in the fundamental principles of nursing assessment and intervention
- Recognize the significance of evidence-based practice in improving the quality of patient care and the nursing profession
- Develop effective communication and documentation skills crucial for the nursing profession
- Recognize the importance of teaching and learning in healthcare and apply principles of patient education
- Explore the impact of culture and spirituality on healthcare and nursing practices

Grade Basis: L
Credit hours: 3.0
Lecture hours: 2.5

NSG 121 - Pharmacology

This course relates normal body functioning to foundational pathophysiologic and pharmacologic concepts.# Major health problems across the life-span and cultural variations are discussed with an emphasis on the vital role the professional nurse plays in the clinical application of drug therapy. # Client safety and the role of information technology are applied to essential systems, including cardiovascular, respiratory, central nervous, endocrine, gastrointestinal, renal, musculoskeletal, and infection control. Emphasis will be placed on understanding medication mechanisms, safe administration, and nursing implications to enhance clinical readiness. #This is a reading-intensive course.

Upon completion, students will be able to:

- Integrate one’s new knowledge of the pharmacokinetic processes of absorption, distribution, metabolism, excretion, and variables that affect drug actions while relating the basic principles of pharmacology and the Nursing Process to selected drugs and their therapeutic use across the lifespan.
- Explain the basic principles of pharmacology and pathophysiology through the Nursing Process, and General Systems Theory Model to identify factors that place clients at risk for adverse drug reactions and poly-pharmacology.
- Identify the role of interprofessional communication in enhancing client safety related to medication administration and effective transitions across levels of care while examining professional values (legal and ethical) in relation to quality client outcomes.
- Discuss the nursing process and the General Systems Theory Model as they relate to the impact of illness and medications on the physiological, sociocultural, developmental, and spiritual variables that placed clients at risk for adverse drug reactions and polypharmacy
- Describe the evidence-based interventions necessary to address pathophysiologic changes in the Fluids and Electrolytes; Acid/Base (Metabolic) Disorders; Integumentary; Head, Ears, Eyes, Nose, and Throat (HEENT); Reproductive; Genitourinary; Neurologic; and Musculoskeletal alterations.

- Apply professional practice responsibility and accountability standards in pharmacologic interventions to improve the care of clients with Fluids and Electrolytes; Acid/Base (Metabolic) Disorders; Integumentary; Head, Ears, Eyes, Nose, and Throat (HEENT); Reproductive; Genitourinary; Neurologic; and Musculoskeletal alterations, and the related medication therapy across the lifespan.

Grade Basis: L
Credit hours: 2.0
Lecture hours: 2.0

NSG 125 - Medical-Surgical Nursing

The course aims to develop students' proficiency in applying the nursing process to provide care for adults experiencing altered health states related to various body systems. It is a sixteen-week course that integrates didactic, clinical, and nursing skills lab experiences to enhance students' competence in adult medical-surgical nursing. Prerequisites: Admission to the ADN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Apply the nursing process effectively in the care of adult patients with altered health states across different body systems
- Demonstrate comprehensive knowledge of common medical-surgical conditions and their treatment
- Integrate evidence-based practice into the development of nursing care plans and interventions to enhance patient outcomes
- Foster critical thinking and decision-making abilities in the context of adult healthcare
- Provide patient-centered care with empathy, respect, and cultural competence
- Collaborate effectively with the healthcare team and communicate efficiently with patients and their families

Grade Basis: L
Credit hours: 6.0
Lecture hours: 4.0
Lab hours: 2.0

Prerequisites:

- BIO 198 - Anatomy and Physiology II
- BIO 199 - Anatomy and Physiology II Laboratory
- Admission to ADN Program

NSG 130 - Mental Health Nursing

This course focuses on equipping nursing students with the knowledge and skills required to provide patient-centered care to individuals facing mental health challenges. It explores the nursing process, therapeutic communication, psychobiology, psychopharmacology, and a diverse range of mental

health disorders affecting individuals across the lifespan. Prerequisite: Admission to the ADN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Apply the nursing process systematically to assess, diagnose, plan, implement, and evaluate care for individuals with mental health needs
- Demonstrate proficiency in therapeutic communication techniques to establish trust and facilitate effective nurse-patient relationships
- Develop a strong foundation in psychobiology and psychopharmacology, enabling evidence-based mental health care
- Cultivate cultural competence and sensitivity to address the unique needs of diverse populations when providing mental health care
- Gain the ability to work with individuals of all age groups, including children and adolescents, who are experiencing mental health challenges

Grade Basis: L
Credit hours: 3.0
Lecture hours: 2.5

NSG-218 - Maternal-Child Health Nursing

This course is designed to equip nursing students with the knowledge and skills required to deliver high-quality, compassionate care to women and children across the lifespan. It covers a broad range of maternal-child health topics, including health promotion, illness prevention, and the management of acute and chronic conditions in both women and pediatric populations. Key areas of focus include pregnancy, childbirth, reproductive health, as well as the care of infants, children, and adolescents. Successful completion of this course will enable students to provide effective care within the maternal-child health continuum. Prerequisite: Admission to the ADN program or permission of the Dean, School of Health Sciences, is required.

Upon completion, students will be able to:

- Utilize the nursing process to provide culturally sensitive, patient-centered care to women, childbearing families, newborns, children and adolescents.
- Apply evidence-based interventions to manage common obstetric and pediatric health conditions, ensuring the safety and well-being of both mothers and children.
- Demonstrate advanced understanding of the physiological, psychosocial, and developmental needs of women, newborns, children and adolescents in both acute and community settings.
- Assess, identify, and manage high-risk obstetric conditions and pediatric complications, using clinical judgment to promote optimal health outcomes.
- Develop effective communication skills and foster interprofessional collaboration to provide empathetic care for maternal and pediatric clients and their families.
- Exhibit professional behaviors, including leadership and advocacy, in managing maternal and pediatric care, ensuring a holistic approach to patient needs.

Grade Basis: L
Credit hours: 7.0
Lecture hours: 5.0

NSG 225 - Advanced Medical-Surgical Nursing and Clinicals

This course focuses on the development of assessment techniques and critical thinking abilities necessary to accurately gather and interpret health-related data from diverse populations across the lifespan. Through a blend of theoretical instruction and experiential learning, students will master systematic health assessment procedures encompassing physical, psychosocial, and cultural dimensions. Emphasis will be placed on enhancing communication skills, cultural sensitivity, and ethical considerations when conducting health assessments. Prerequisite: Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Apply nursing principles and the nursing process to deliver family-centered care to pediatric patients in various healthcare settings
- Gain proficiency in health promotion, disease prevention, and pediatric health education to empower patients and their families to make informed health decisions
- Utilize evidence-based practice principles to informed clinical decision-making and nursing practice in pediatric nursing
- Demonstrate effective communication skills when interacting with pediatric patients and their families, ensuring that their voices and concerns are heard and addressed
- Enhance communication skills necessary for providing sensitive and patient-centered care in women's health nursing
- Cultivate cultural competence and sensitivity to provide equitable care, respecting the diverse cultural backgrounds and values of pediatric patients and their families

Grade Basis: L
Credit hours: 6.0
Lecture hours: 4.0

NSG 230 - Synthesis and Integrative Practicum

This five-week course integrates didactic instruction and hands-on experience through a 120-hour practicum to facilitate the synthesis of theoretical knowledge and practical application. Students will refine their nursing skills, enhance their decision-making abilities and develop as patient-centered, ethical, and competent nursing professionals.

Upon completion, students will be able to:

- Integrate knowledge, skills, and clinical experiences gained throughout the nursing program to provide safe, effective, and patient-centered care
- Develop and apply strong critical thinking and clinical reasoning skills in the assessment, planning, implementation, and evaluation of patient care
- Demonstrate the ability to collaborate within the healthcare team, engaging in open communication, teamwork, and in disciplinary care delivery
- Develop and present a capstone project utilizing specific healthcare models for a complex situation

Grade Basis: L

Credit hours: 4.0
Lecture hours: 1.3

NSG 235 - Health Assessment

This course focuses on the development of assessment techniques and critical thinking abilities necessary to accurately gather and interpret health-related data from diverse populations across the lifespan. Through a blend of theoretical instruction and experiential learning, students will master systematic health assessment procedures encompassing physical, psychosocial, and cultural dimensions. Emphasis will be placed on enhancing communication skills, cultural sensitivity, and ethical considerations when conducting health assessments. Prerequisite: Acceptance into the BSN program or permission of the Dean, School of Health Sciences. Corequisites: NSG 245 and NSG 241.

Upon completion, students will be able to:

- Demonstrate competency in performing holistic health assessments on diverse individuals across the lifespan
- Employ critical thinking to interpret collected health information, identifying potential deviations from expected norms and recognizing potential health disparities
- Recognize technological and informatics resources to optimize the precision and effectiveness of health-related collection and documentation
- Develop cultural awareness and sensitivity to offer individualized care to diverse populations
- Cultivate adept communication skills to establish connections with patients, obtain accurate health information, and convey assessment findings
- Discuss ethical principles and legal responsibilities related to health assessment, including patient privacy and confidentiality

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

Prerequisites:

- NSG 245 - Adult Medical-Surgical Nursing I: Fundamentals
- NSG 241 - Skills and Pills I
- Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

NSG 241 - Skills and Pills I

This course is designed to equip nursing students with the foundational knowledge and hands-on experience essential for the development of fundamental nursing skills and proficiency in medication management. Emphasizing safety, competence, and patient-centered care, it covers basic nursing procedures while integrating medication administration principles. Prerequisite: Admission to the BSN Program or permission of the Dean, School of Health Sciences. Corequisites: NSG 245 and NSG 235.

Upon completion, students will be able to:

- Demonstrate proficiency in foundational nursing procedures with a commitment to quality and patient safety
- Administer medications safely and competently adhering to the rights of medication administration
- Safely and accurately calculate medication dosages based on patient parameters
- Identify potential risks and hazards related to medication administration and nursing procedures
- Understand and apply principles of aseptic technique and infection prevention
- Recognize the influence of cultural and social factors on medication adherence and healthcare decision making

Grade Basis: L
Credit hours: 2.0
Lab hours: 2.0

NSG 245 - Adult Medical-Surgical Nursing I: Fundamentals

This course focuses on applying the nursing process to foundational nursing care principles. It emphasizes human needs, cultural competence, and patient comfort and safety. Interactions with a diverse group of patients including aging, death and dying, and alterations in spiritual health and self-concept are highlighted. Medical-Surgical nursing care is introduced for patients with conditions related to integumentary, neurologic, and musculoskeletal systems, as well as fluid, electrolyte, and acid/base balance. Students are equipped to provide holistic and effective care while preparing them for further nursing studies. Prerequisites: Acceptance into BSN program or permission of the Dean, School of Health Sciences. Corequisites: NSG 235 and NSG 241.

Upon completion, students will be able to:

- Demonstrate proficiency in using the nursing process to provide care for diverse patients experiencing altered health states
- Develop effective communication and interpersonal skills to establish therapeutic nurse-patient relationships that promote trust, empathy, and collaboration
- Apply cultural sensitivity and competence in nursing care, recognizing and respecting the diverse cultural backgrounds and beliefs of patients
- Utilize current evidence-based research in developing nursing plans of care for patient with identified medical-surgical conditions
- Implement measures to provide physical and psychological comfort and safety for patients, promoting a supportive healthcare environment
- Cultivate professional behaviors and beginning nursing leadership skills while adhering to ethical, legal, and regulatory guidelines for nursing practice

Grade Basis: L
Credit hours: 4.0
Lecture hours: 3.0

NSG 251 - Pathopharmacology

This course explores the interplay between normal body function and foundational pathophysiologic and pharmacologic concepts. It explores major health issues spanning the lifespan and examines cultural variations in healthcare. With a focus on the crucial role of professional nurses in the practical application of drug therapy, the course emphasizes client safety and the integration of information technology in healthcare settings. Prerequisites: Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Integrate principles of patient-centered care by assessing and addressing the diverse cultural and lifespan considerations in drug therapy
- Demonstrate safety principles in the administration and monitoring of medications by recognizing potential drug interactions and complications
- Apply effective communication skills, emphasizing the importance of clear, concise communication when managing drug therapy plans
- Discuss an understanding of the ethical and legal aspects of pharmacological practice, including medication administration, informed consent, and the nurse’s responsibility in mediation error reporting.
- Employ advanced critical thinking skills to analyze complex patient scenarios, identify potential alterations in health, and propose evidence-based pharmacologic interventions

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 254 - Skills and Pills II

This course is designed to equip nursing students with the foundational knowledge and hands on experience essential for the development of fundamental nursing skills and proficiency in medication management. Emphasizing safety, competence, and patient-centered care, it covers basic nursing procedures while integrating medication administration principles. Prerequisites: Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Utilize evidence-based practices from research in nursing and other disciplines that leads to comprehensive person-centered care with the application of health policy and principles
- Describe projects/s which contains partnerships with local, regional, state, federal and/or global teams for innovational change across complex systems to deliver equitable person-centered care to diverse populations
- Discuss best practices and organizational system leadership principles that promotes high quality, safe, and equitable care utilizing informatics and communication technologies
- Examine system assessments for decision making in collaboration with stake holders
- Demonstrate effective communication strategies for interprofessional teams and other health care providers to promote laws, policies, and regulations of the nursing practice

- Define strategies to promote lifelong learning that incorporates professional nursing standards and accountability

Grade Basis: L
Credit hours: 2.0
Lecture hours: 2.0

NSG 260 - Mental Health Nursing

This course aims to equip students with theoretical knowledge and practical skills for addressing patients' mental health needs. The course covers therapeutic communication, family-centered care, crisis intervention, and responding to psychiatric emergencies. Prerequisite: PSY 260 and Admission to BSN program or permission of the Dean, School of Health Sciences. Corequisite: NSG 251.

Upon completion, students will be able to:

- Apply the nursing process to provide care to diverse individuals across the lifespan who are experiencing mental health challenges
- Employ effective communication techniques to establish therapeutic relationships, facilitate open dialogue, and foster trust with patients and their families
- Demonstrate crisis intervention strategies to manage and de-escalate acute psychiatric situations, ensuring patient safety and stabilization
- Foster cultural sensitivity and competence in nursing care, recognizing and respecting the diverse cultural backgrounds and beliefs of patients
- Utilize current evidence-based research in developing nursing plans of care for patients with identified mental health challenges
- Develop professional behaviors and beginning nursing leadership skills while adhering to ethical, legal, and regulatory guidelines for nursing practice

Grade Basis: L
Credit hours: 5.0
Lecture hours: 4.0

Prerequisites:

- PSY/EDU 260 - Human Growth and Development

NSG 310 - Introduction to Professional Nursing

This course is designed to equip students with the knowledge, skills, and values essential for a successful career in nursing. A comprehensive overview of key concepts, theories, and competencies that form the basis of baccalaureate nursing education will be reviewed. Students will also examine areas of nursing research, patient safety, aging and cultural aspects, health policy, and technology Prerequisites: Admission to the BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Define professionalism and discuss the inherent values of altruism, autonomy, human dignity, integrity, and social justice in relation to the baccalaureate generalist graduate

- Integrate relevant theories, concepts, values, and professional standards into the delivery of patient-centered care
- Describe structure, mission, vision, philosophy, and values of healthcare organizations
- Explain state and national statutes, rules, and regulations that authorize and define professional nursing practice
- Examine leadership and interprofessional communication and their impact on the patient care of diverse populations across the lifespan

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 320 - Ethical and Legal Aspects of Nursing

This course promotes ethical and legal understanding as a vital component of professional nursing. Students will explore legal aspects of healthcare policy, ethical and legal considerations in research and information management and technology use in nursing practice. The ANA Code of Ethics, QSEN and IOM competencies will be discussed and how they relate to different areas of professional nursing practice. Essential communication and conflict skills will also be addressed, as well as the role of ethic committees and consultation. Pre-requisite: Admission to the BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Apply the components of an ethical decision-making model to provide safe ethical, and legal patient-centered care to individuals, families, groups, and diverse populations across the lifespan
- Describe important components of the communication process between the healthcare team and patients as a part of ethical and legal decision making
- Demonstrate ability to promote ethical and legal nursing practices based on research evidence
- Explore personal and professional attitudes and values as they relate to ethical and legal dilemmas
- Employ ethical and legal decision-making in nursing roles to address diverse health care needs in complex systems
- Integrate professional responsibility and accountability into the ethical and legal aspects of patient-centered care

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 340 - Health Assessment and Clinical Inference

This course focuses on the nurse's refinement of assessment techniques and critical thinking abilities necessary to perform accurate and thorough health assessments on diverse populations across the lifespan. Through a blend of theoretical instruction and experiential learning, students will enhance their proficiency in conducting health assessments that encompass physical, psychosocial, and

cultural dimensions. Prerequisites: Acceptance into the BSN program or consent of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Demonstrate competency in performing comprehensive health assessments on diverse individuals across the lifespan.
- Apply critical thinking to interpret collected health information, identifying potential deviations from expected norms and recognizing potential health disparities.
- Utilize technology and informatic tools to enhance the efficiency and accuracy of health-related data collection and documentation
- Develop cultural sensitivity and competence to provide patient-centered care to diverse populations, recognizing the impact of cultural beliefs on health behaviors
- Cultivate effective communication skills for building rapport with patients, obtaining accurate health information, and conveying assessment findings
- Discuss ethical principles and legal responsibilities related to health assessment, including patient privacy and confidentiality

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

Prerequisites:

- BIO 190 - Anatomy and Physiology I
- BIO 191 - Anatomy and Physiology I Laboratory
- BIO 198 - Anatomy and Physiology II
- BIO 199 - Anatomy and Physiology II Laboratory
- Acceptance into the BSN program or consent of the Dean, School of Health Sciences.

NSG 345 - Adult Medical-Surgical Nursing II

This course builds upon the foundation set in NSG 245 and aims to enhance students' theoretical knowledge and clinical skills in applying the nursing process to complex medical-surgical cases. It covers a range of body systems, including neuropsychological, cardiac, respiratory, gastrointestinal, endocrine, metabolic, renal, genitourinary, and reproductive systems. Through clinical experience and skills labs, students integrate theory into practice. Prerequisites: NSG 245 Adult Medical-Surgical I and NSG 251 Pharmacology. Admission to BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Demonstrate refinery in applying advanced nursing interventions to address complex medical-surgical conditions
- Integrate evidence-based research into clinical decision-making
- Employ clinical judgment skills to critically assess patient responses, interpret clinical data, and adapt nursing interventions to changing patient conditions and evolving medical-surgical scenarios

- Engage effectively within interdisciplinary healthcare teams, contributing specialized medical-surgical nursing expertise and promoting collaborative patient care
- Develop patient education strategies that empower individuals to understand their medical-surgical conditions, treatment options, and self-management techniques, fostering patient autonomy and engagement
- Exhibit professional behaviors and nursing leadership skills while adhering to ethical, legal, and regulatory guidelines for nursing care practice

Grade Basis: L
Credit hours: 6.0
Lecture hours: 4.0

Prerequisites:

- NSG 245 - Adult Medical-Surgical Nursing I: Fundamentals
- NSG 251 - Pathopharmacology
- Acceptance into the BSN program or consent of the Dean, School of Health Sciences.

NSG 350 - Perinatal Nursing

This course advances students' theoretical knowledge and clinical skills in providing safe and evidence-based care to perinatal patients and their families. The course covers genetics, conception, pregnancy, labor and delivery, postpartum, newborn care, and complications unique to this population. It emphasizes comprehensive and specialized care practices, equipping students to address the specific needs and challenges of perinatal patients. Prerequisites: NSG 235 and NSG 360. Admission to BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Demonstrate proficiency in applying perinatal nursing concepts and the nursing process to provide safe, effective, and evidence-based care to perinatal patients and their families
- Integrate evidence-based research into clinical decision-making
- Develop effective communication skills to engage in sensitive discussions, provide education, and facilitate open dialogue with perinatal patients and families
- Foster cultural sensitivity and competence in perinatal nursing care, recognizing and respecting the diverse cultural backgrounds and beliefs of patients
- Develop patient education strategies that empower perinatal patients and their families to make informed decisions and actively participate in their care journey
- Exhibit professional behaviors and nursing leadership skills while adhering to ethical, legal, and regulatory guidelines for nursing care practice

Grade Basis: L
Credit hours: 6.0
Lecture hours: 4.0

Prerequisites:

- NSG 235 - Health Assessment
- NSG 360 - Pharmacology

- Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

NSG 360 - Pharmacology

This course explores major drug categories, focusing on pharmacodynamic and pharmacokinetic properties. Professional nurses' pivotal role in applying drug therapy across the lifespan is emphasized. The course covers polypharmacy, prescription and non-prescription medications, interactions, and client safety. It addresses individual and cultural responses, client education, and information technology’s importance. Effective communication during care transitions is highlighted. Prerequisite: Admission to BSN program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Demonstrate a comprehensive understanding of major drug categories, including pharmacodynamic and pharmacokinetic properties as a foundation for safe and effective nursing practice
- Analyze the ethical and legal responsibilities of nurses in relation to drug therapy, encompassing issues of safety, medication administration, and adherence to professional codes and regulations
- Evaluate medication safety strategies, including the identification and mitigation of potential interactions
- Employ the ability to educate clients on proper medication administration, potential side effects, and adverse reactions
- Apply evidence-based practices to critically assess current research findings, emerging trends, and best practices in pharmacology

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 365 - Pediatric Nursing

This course advances students’ theoretical knowledge and clinical skills in delivering safe and evidence-based care to pediatric patients and their families. The course covers growth and development, weight-based medication administration, pediatric abuse and trauma, health promotion, disease prevention, and disease processes unique to children and adolescents. Prerequisites: NSG 345 and admission to the BSN Program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Demonstrate proficiency in applying pediatric nursing concepts and the nursing process to provide safe, effective, and evidence-based care to pediatric patients and their families
- Integrate evidence-based research into clinical decision-making
- Develop effective communication skills to engage in sensitive discussions, provide education, and facilitate open dialogue with pediatric patients and families
- Foster cultural sensitivity and competence in perinatal nursing care, recognizing and respecting the diverse cultural backgrounds and beliefs of patients
- Develop patient education strategies that empower pediatric patients and their families to make informed decisions and actively participate in their care journey

- Exhibit professional behaviors and nursing leadership skills while adhering to ethical, legal, and regulatory guidelines for nursing care practice

Grade Basis: L
Credit hours: 6.0
Lecture hours: 3.0

Prerequisites:

- NSG 345 - Adult Medical-Surgical Nursing II
- Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

NSG 391 - Applied Nutrition for Nursing Practice

This comprehensive nutrition course introduces students to nutrition and its role in health promotion and disease treatment, as well as the role of nurses in patient-centered nutrition care. The course addresses the relationship among nutrient requirements, physiological needs and nutritional concerns across the lifespan. Individuals or populations at risk for dietary imbalances because of physiological, genetic, environmental, social or cultural influences are identified. Nutrition principles are applied to age-appropriate educational nutritional needs assessment and management of diverse patients' nutritional needs related to specific medical conditions. The impact of aging and co-morbid conditions on learning ability as well as assessment and teaching strategies. Prerequisite: Admission to the BSN Program or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Discuss basic nutrients and their role in growth, development, health maintenance and restoration.
- Identify and interpret food labels and nutritional information.
- Identify appropriate dietary guidelines across the lifespan to include pregnancy, lactation, and older-aged clients.
- Explore how ethnicity, culture and religion can influence dietary behaviors.
- Discuss examples of nursing research in the area of nutrition and how this applies to improving client outcomes.
- Discuss the roles of family and significant others in providing support to the individual with nutritional issues.
- Conduct a nutritional self-assessment to heighten awareness of one’s own dietary habits.
- Develop, apply, and teach diet plan that addresses a select client’s disease as well as incorporates the client’s cultural preferences.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 410 - Global Health Nursing

This course explores population health issues within both local and global communities. Discussions center around the provision of nursing care to diverse population aggregates. The curriculum delves

into the principles of epidemiology, community dynamics, and the spectrum of available healthcare services. Leveraging research findings, students will devise health promotion and illness prevention strategies, thereby enriching their care delivery practices. This course evaluates the effectiveness of community resources designed to support clients and their families across the lifespan, with the goal of optimizing functioning and promoting independence.

Upon completion, students will be able to:

- Analyze community health issues on both local and global scales, demonstrating a comprehensive understanding of the factors influencing community health
- Apply appropriate nursing care strategies for diverse populations, considering cultural, socioeconomic, and environmental factors
- Evaluate the spectrum of healthcare services available within communities, discerning their impacts on healthcare accessibility and delivery
- Synthesize research findings to formulate evidence-based health promotion and illness prevention strategies tailored to specific population groups
- Interpret principles of epidemiology and community dynamics to assess health trends, needs, and disparities among various communities

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 411 - Community Health Practicum

This course integrates the principles of global health and involves the practicum portion of NSG 410. It involves 45 hours of supervised clinical experience in community health settings, with a focus on caring for vulnerable populations. Students assess the effectiveness of community resources in helping older adults and their families maintain independence. Corequisites: NSG 410.

Upon completion, students will be able to:

- Demonstrate an understanding of the ethical and legal considerations in global health practice
- Identify health promotion strategies and interventions that address the unique needs of populations in diverse global health settings
- Develop skills in health education, advocacy, and communication to empower individuals and communities
- Understand the role of healthcare policies and advocacy in global health
- Engage with communities and organizations to address health disparities, improve health outcomes, and contribute to sustainable global health solutions

Grade Basis: P
Credit hours: 1.0
Lecture hours: 1.0

NSG 430 - Introduction to Evidence Based Research

This course intricately underscores the pivotal role professional nurses play in translating modern research discoveries into tangible clinical practices. It navigates the principles of quality and safety within the realm of specific clinical challenges. A central focus is on exploring the transformation of nursing practices based on evidence, thus propelling patient care to higher levels through a continuum of enhancement. Prerequisites: Completion of MTH 245 with minimum grade of “C” or higher, admission to BSN program or permission the Dean, School of Health Sciences. The course must be taken in the semester prior to NSG 460.

Upon completion, students will be able to:

- Describe the critical role that professional nurses hold in translating contemporary research findings into actionable clinical practices
- Utilize acquired skills to conduct systematic assessments of clinical issues, effectively translating research findings into applicable healthcare strategies
- Evaluate the transformation of nursing practices rooted in evidence recognizing the potential to elevate patient care through a continuous process of enhancement
- Demonstrate proficiency in designing research proposals and projects that address identified gaps in evidence-based nursing practice
- Implement research-based interventions into nursing practice, contributing to a culture of evidence-based care and continuous improvement

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

Prerequisites:

- MTH 245 - Probability and Statistics
- Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

Restrictions:

- This course must be completed immediately prior to the last semester of the program.

NSG 435 - Evidence-Based Nursing Research

This course emphasizes the professional nurse's role in participating in, conducting, and integrating evidence into practice. This course introduces students to the use of evidence for advancement of best practices and prepares them to read and critically appraise research findings. Students will use the research process and outcome measures to apply quality and safety concepts in identified clinical problems. Applications include critical analysis of research evidence and a systematic literature review as the initial components of the Capstone Project. Prerequisites: MTH 245. This course must be completed immediately prior to the last semester of the program.

Upon completion, students will be able to:

- Describe the critical role that professional nurses hold in translating contemporary research findings into actionable clinical practices
- Utilize acquired skills to conduct systematic assessments of clinical issues, effectively translating research findings into applicable healthcare strategies
- Evaluate the transformation of nursing practices rooted in evidence recognizing the potential to elevate patient care through a continuous process of enhancement
- Demonstrate proficiency in designing research proposals and projects that address identified gaps in evidence-based nursing practice
- Implement research-based interventions into nursing practice, contributing to a culture of evidence-based care and continuous improvement

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

Prerequisites:

- MTH 245 - Probability and Statistics

Restrictions:

- This course must be completed immediately prior to the last semester of the program.

NSG 440 - Trends and Issues

This course unveils the intricate roles assumed by professional nurses amidst the ever-evolving healthcare landscape. It examines legal, ethical, economic, political, and social dimensions, intertwined with healthcare policy, finance and regulatory frameworks. The course scrutinizes the seamless fusion of information management and cutting-edge technology across diverse healthcare realms spanning local, state, regional, national and global contexts. Prerequisite: Admission to BSN program, Completion of NSG 310 with a grade of "C" or higher or permission of the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Discuss the multifaceted roles of professional nurses within the dynamic healthcare landscape
- Analyze the intricate interplay of legal, ethical, economic, political, and social factors in shaping nursing practice and healthcare delivery
- Evaluate the impact of healthcare policy, finance, and regulatory environments on nursing practice, patient outcomes, and health system
- Appraise the integration of information management and technology across various healthcare settings, identifying opportunities for innovation and efficiency
- Engage in extensive literature reviews to deepen understanding of key issues and trends impacting nursing practice and healthcare
- Examine cultural influence on nursing and healthcare trends and issues

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 445 - Adult Medical-Surgical Nursing III: High Acuity Nursing

This course focuses on advanced care for complex adult patients with high acuity conditions. The course enhances students' application of the nursing process for diverse patient groups with co-morbid factors and manifestations of higher acuity diseases. It combines didactic instruction, clinical experiences, and skill labs to develop skills in prioritization, time management, and collaboration. Students gain proficiency in managing the demands of high acuity patient-care settings and working effectively within interdisciplinary teams. Prerequisites: NSG 345 Adult Medical-Surgical Nursing II, admission to BSN program or permission the Dean, School of Health Sciences.

Upon completion, students will be able to:

- Demonstrate proficiency in delivering specialized nursing care to adult patients with complex medical conditions and high acuity needs, ensuring optimal patient outcomes
- Apply advanced critical thinking and the nursing process to diverse patients with co-morbid factors and higher acuity manifestations of diseases
- Prioritize patient needs effectively, manage time efficiently, and collaborate seamlessly with interdisciplinary teams to provide comprehensive care
- Implement research-based interventions into nursing practice, contributing to a culture of evidence-based care and continuous improvement
- Engage in self-reflection to continuously improve clinical practice, identifying areas for growth and implementing strategies for ongoing professional development

Grade Basis: L
Credit hours: 6.0
Lecture hours: 3.0

Prerequisites:

- NSG 345 - Adult Medical-Surgical Nursing II
- Acceptance into the BSN program or permission of the Dean, School of Health Sciences.

NSG 460 - Nursing Leadership and Management

This advanced BSN course is designed to explore the leadership roles undertaken by professional nurses, encompassing both theoretical exploration and an immersive executive leadership practicum. At its core, the course places a strong emphasis on understanding leadership concepts, honing decision-making skills, and fostering the development of essential competencies necessary for delivering exceptional nursing care and efficiently coordinating multidisciplinary healthcare teams. Students will actively participate in immersive experiences designed to enhance critical thinking, refine clinical reasoning abilities, amplify communication skills, and cultivate effective organizational aptitudes. Prerequisites: Admission to the BSN program or permission of the Dean, School of Health Sciences. All graduation requirements for General Education and Nursing must be completed prior to Nursing 460.

Upon completion, students will be able to:

- Interpret foundational leadership theories, concepts, and decision-making processes applicable to professional nursing roles within complex healthcare systems
- Apply leadership principles to navigate challenges in coordinating healthcare teams, fostering collaboration and optimizing patient care outcomes
- Evaluate the integration of evidence-based practices and ethical considerations in leadership decisions to ensure the provision of high-quality nursing care
- Synthesize theoretical knowledge and practical experiences to formulate innovative solutions for complex nursing and healthcare management issues
- Design and execute a senior capstone project that showcases mastery of nursing leadership concepts, ethical principles, evidence-based practice, and scholarly inquiry
- Reflect on personal and professional growth throughout the course, integrating lessons learned to establish a foundation for continued development within nursing leadership roles

Grade Basis: L
Credit hours: 4.0
Lecture hours: 4.0

NSG 461 - Nursing Leadership and Management

This course serves as the practical application of the leadership and management principles acquired in NSG 460. This practicum entails a total of 45 supervised hours working alongside an executive nurse leader, providing students with invaluable experiential learning opportunities. This practicum is designed to be the cornerstone of the senior capstone project. It empowers students to apply leadership skills in diverse healthcare environments thereby fostering their professional development. Prerequisites: Admission to the BSN program or permission of the Dean, School of Health Services. Corequisites: NSG 460. All graduation requirements for General Education and Nursing must be completed prior to NSG 460 and NSG 461.

Upon completion, students will be able to:

- Analyze the principles of organizational management and the effectiveness of model(s) used within the practicum site.
- Develop essential leadership competencies, including communication, decision making, problem-solving and conflict resolution
- Analyze ethical and legal issues in healthcare leadership and management
- Implement quality improvement strategies to enhance patient care and safety
- Collaborate with interdisciplinary teams to achieve optimal patient outcomes and ensure efficient healthcare delivery
- Promote and maintain a patient-centered approach to healthcare delivery

Grade Basis: P
Credit hours: 1.0

NSG 470 - Nursing Leadership

This course focuses on evidence-based professional nursing leadership by the baccalaureate nurse in a constantly evolving healthcare system. Current issues and emerging trends related to legal,

ethical, economic, political and social concerns; an aging society; information management and technology; healthcare policy; finance; and regulatory environments will be examined. Emphasis is placed on leadership concepts, skills and decision-making in the provision of safe, high quality nursing care and healthcare team coordination. Various leadership models and change theories will be studied. Corequisite: NSG 435. Pre-or Corequisites: PHL 301 Ethics.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

Prerequisites:

- PHIL 301 - Ethics

NSG 490 - Synthesis/Capstone

This course is a culminating nursing course focusing on leadership, synthesis and capstone experiences. This course empowers students to integrate knowledge, skills, and competencies gained throughout their academic journey into a comprehensive and impactful nursing practice. This course includes 135 integrated practicum hours.

Upon completion, students will be able to:

- Develop essential leadership skills and behaviors necessary for nursing practice
- Synthesize nursing knowledge, theories, and evidence-based practice to deliver patient-centered care and promote positive patient outcomes
- Utilize modern healthcare technology to enhance the quality of patient care and healthcare systems
- Develop an understanding of the legal, ethical, and professional responsibilities of nurses
- Engage in a capstone project that allows students to address a real-world nursing issue or problem
- Recognize and address cultural diversity and disparities in healthcare, ensuring culturally sensitive and competent nursing practice

Grade Basis: L
Credit hours: 5.0
Lecture hours: 2.0

NSG 501 - Foundations of Forensics

This course provides a comprehensive foundation in forensic pathology and ethical decision-making within death investigation and injury analysis. Students will examine key topics including time of death determination, postmortem changes, and the forensic implications of various injury mechanisms such as blunt force trauma, gunfire, asphyxia, and drowning. The course also explores specialized areas including pediatric deaths, radiologic forensics, toxicological influences of alcohol and marijuana, and the ethical dimensions of autopsy procedures and medicolegal reporting. Emphasis is placed on applying ethical principles to complex forensic scenarios involving human remains, trauma interpretation, and cause-of-death determination.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 502 - Courtroom Testimony and Documentation

This course prepares forensic professionals to deliver credible expert testimony and produce legally sound documentation. Students apply ethical and professional standards, develop pretrial strategies, practice objective courtroom communication, and create defensible forensic reports. Emphasis is placed on evidence preservation, chain of custody, and maintaining integrity within the judicial process.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 510 - Professional Role Transition

In this course, the student will reflect on the history of nursing to understand and advance the influence of the MSN professional nurse. Professional and national certifications will be explored to develop a plan for career-long learning and advocacy for professional nurses to lead interprofessional healthcare teams to address laws, policies, and the regulation of the nursing practice. The student will develop a current personal philosophy of nursing, focusing on building their professional nurse identity.

Upon completion, students will be able to:

- Develop an understanding of nursing history in advancing nursing’s influence in health care
- Integrate an evolving personal philosophy of nursing and healthcare into one’s professional nursing identity
- Design strategies that promote lifelong learning of self which incorporates professional practices in the context of nursing’s core value of professional nursing standards and accountability for practice by exploring AONE, CNE, and AACN educational competencies
- Advocate for the value and role of the professional nurse as a member and leader of interprofessional healthcare teams to advocate for laws, policies, and the regulation of nursing practice

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 511 - Applied Interprofessional Collaboration

This course prepares forensic professionals to lead and participate effectively in interprofessional teams. Students will develop protocols for coordinated care, identify key partners and their roles in forensic investigations, and assess systemic and organizational barriers to collaboration. Emphasis

is placed on evaluating and clearly articulating the unique contributions of the forensic nurse within multidisciplinary settings.

Grade Basis: L
Credit hours: 3.0

NSG 512 - Psychosocial and Legal Aspects of Forensic

This course offers an intensive examination of the complex intersection between forensic practice, the legal system, and societal factors. It delves into the foundational principles guiding forensic professionals including scene investigators, reconstructionists, and specialized practitioners like forensic nurses who function where legal and scientific inquiries overlap.

Grade Basis: L
Credit hours: 3.0

NSG 520 - Evidence-Based Nursing

In this course, students will review the history of Evidence-Based Practice (EBP) in Nursing and will be introduced to research concepts to evaluate and synthesize literature for EBP. Students will learn how to assess the clinical area to develop and present an EBP proposal for a practice change to optimize care and strengthen outcomes.

Upon completion, students will be able to:

- Examine the history of Evidence-Based Practice to help integrate current and emerging evidence in nursing practice to optimize care and strengthen outcomes
- Analyze practice guidelines to improve the quality of patient care and the care environment
- Analyze systematic reviews, quantitative, and qualitative research to improve the quality of patient care and the care environment
- Disseminate the evidence using informatics and communication technologies for practice decisions, including the credibility of sources of information and the relevance to the practice problem confronted

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 530 - Quality Improvement and Safety

The professional nurse's role in reducing preventable healthcare errors and improving client safety will be the focus of this course. The history of quality improvement and client safety including the Institute of Medicine reports and the Quality and Safety Education in Nursing program will be examined. Students will conduct a comprehensive systems assessment to identify current practices that impede quality care and construct approaches for systems change that create and maintain a culture of quality and safety.

Upon completion, students will be able to:

- Evaluate outcomes metrics against established benchmarks on quality initiatives to lead teams on the utilization of national safety resources for change initiatives
- Analyze actual errors and near misses to advocate for structures, polices, and processes that promote a transparent culture to prevent risk and injury
- Design interventions to create and sustain a transparent culture for reporting incidents and promoting Just Culture principles in a professional environment
- Disseminate quality improvement practices outcomes to promote team-based change initiatives

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 540 - Ethics and Health Policy

Nursing educators and leaders in the 21st century must practice within an ethically and legally sound framework in which they utilize evidence-based policy to influence today's changing healthcare environment. In this course students will assess current policies that influence healthcare practices through ethical and legal lenses. Content will include quality and safety in health care, public policy and advocacy, nurses as change agents, and ethical and legal aspects of nursing practice.

Upon completion, students will be able to:

- Examine characteristics of healthcare systems and policies grounded in ethical principles
- Evaluate the effects of legal and regulatory policies on healthcare delivery and outcomes
- Apply ethical analyses and clinical reasoning to assess and evaluate healthcare policies
- Articulate the process of development and implementation of new policies to strengthen outcomes
- Develop processes that support ethical conduct in practice, scholarship, and dissemination

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 560 - Advanced Pathophysiology/Pharmacology

This course explores the scientific complexity and integration of pathophysiologic states and the utilization of pharmacologic agents for person-centered care. Pathophysiological mechanisms of disease will be used to explain human responses to potential and actual health problems across the life span as well as corresponding pharmacologic and nonpharmacologic treatments. Also included will be cultural implications and the costs of medications to deliver equitable care to diverse populations.

Upon completion, students will be able to:

- Analyze the etiology and pathophysiological alterations associated with selected conditions across the life span for comprehensive person-centered care with the application of health policy and advocacy

- Synthesize relevant theories and research as a basis for expanding nursing knowledge of pathophysiologic changes and clinical manifestations associated with selected conditions to prevent or reduce adverse outcomes
- Discuss the issues/considerations associated with the pathophysiologic changes in special populations to deliver equitable care addressing disparities and inequities
- Synthesize the principles of pharmacology and pharmacotherapeutics for person-centered care
- Categorize the most prescribed agents and explain the mechanism of action of the major drug classes for selected conditions to advance nursing scholarship and optimize health care and strengthen outcomes
- Develop effective communication strategies with interprofessional teams to analyze the adverse effect and drug interactions of specific medications in major drug classes to address actual or potential health hazards
- Synthesize evidence-based practices to develop a therapeutic pharmacologic and nonpharmacologic treatment plan for person-centered care, considering cultural implications and cost

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 570 - Role of the Nurse Administrator

Students will explore the nurse administrator's professional roles and responsibilities, including interprofessional collaboration in diverse settings. Students will be encouraged to analyze innovative practices in leadership roles, such as decision making, creating a culture of safety and quality, organizational behaviors, strategic planning, and effecting change. Professional organizations such as the American Organization of Nurses Executive, American Nurses Credentialing Centers, American Nurse’s Association, Institute of Medicine, Agency for Health Care Research and Quality, Institute for Healthcare Improvement, and Magnet will be explored.

Upon completion, students will be able to:

- Analyze and articulate organizational and systems leadership principles essential for system-wide initiatives for innovational change to improve health care for diverse populations
- Utilize transformational leadership skills working with interprofessional teams to improve the professional practice environment by promoting laws, policies, national standards, and regulations
- Promote a professional environment that includes accountability and high-level communication skills in peer review, advocacy for patients and families, reporting errors, and professional writing incorporating nursing standards at an advanced level
- Synthesize best practices from research in nursing and other disciplines to develop quality improvement initiatives to promote quality, safe, and equitable care

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 580 - Advanced Health Assessment

This course is designed to enhance the nursing scholarship of the nurse educator to teach and evaluate health assessment in academic and primary or acute care settings to optimize and strengthen outcomes. Emphasis will be on advanced systems-focused assessment and interviewing techniques including considerations for using informatics and communication technologies in developing comprehensive person-centered care.

Upon completion, students will be able to:

- Apply culturally competent, systems-focused interviewing techniques to gather health history data as a foundation for decision-making to optimize care and strengthen outcomes
- Conduct a comprehensive and systematic physical assessment of patients across the lifespan as a foundation for decision-making with stakeholders to optimize care and strengthen outcomes
- Analyze health history and assessment data to determine the need for primary, secondary, and tertiary interventions to develop a plan for comprehensive person-centered care
- Synthesize evidence from nursing and other sciences research as the foundation for assessment and clinical decision-making to develop a plan of care across diverse populations
- Design evidence-based plans from the health assessment and history using informatics and communication technologies to promote high quality, safe, and equitable care

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 590 - Nursing Leadership of Healthcare Delivery Systems

The focus of this course is organizational and systems leadership. Students will examine the leadership skills needed to be a transformational leader of interprofessional teams that manage and coordinate care within today’s complex healthcare systems. Concepts important in organizational dynamics including systems theory, organizational and management theory, and chaos and complexity theories will be explored. There will be a focus on building partnerships to design person-centered care with the application of health policy and advocacy at a system level.

Upon completion, students will be able to:

- Demonstrate the ability to use complex science and system theories to lead interprofessional teams with the design, delivery, and evaluation of health care for diverse populations
- Provide oversight and guidance in the development and implementation of system policies building partnerships with local, regional, state, federal, or global teams to deliver equitable care to diverse populations
- Identify effective communication strategies to develop, participate, and lead interprofessional teams to promote laws, policies, and regulations of the nursing practice
- Construct systems change strategies in collaboration with stakeholders to optimize care and strengthen outcomes
- Design person-centered and culturally responsive strategies for the delivery of clinical prevention and health promotion interventions and/or services with the application of health policy and principles of advocacy

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG-602 - Advanced Healthcare Financial Management

This course provides the theory and concepts behind financial decision making and will scrutinize financial management issues important for today's healthcare administrators functioning within a rapidly changing healthcare delivery system. The financial impact of administrative decisions across complex systems of health care will be analyzed to optimize care and strengthen outcomes. Cross-listed with HCA 602.

Upon completion, students will be able to:

- Analyze the impact of internal and external factors on healthcare cost and reimbursement in the different types of health care settings both public and private
- Appraise financial principles that are cost effective to the work of healthcare administrators, such as break-even, workload, full-time equivalent, overhead, variance analysis, variance reports, assets, and liabilities
- Design system improvement strategies based on performance data and metrics
- Apply innovative and evidenced-based business strategies, economic principles and practices including budgeting, risk assessment, and marketing

Grade Basis: AL
Credit hours: 3.0
Lecture hours: 3.0

Restrictions:

- Cross-listed with HCA 602

NSG 610 - Informatics and Population Health

This course will examine best practices of communication technologies and informatics to manage and improve the delivery of safe and high-quality healthcare across populations. Information and communication technologies will be critiqued focusing on ethics, workplace policies, professional and regulatory agencies. Students will examine partnerships with local, regional, state, federal or global teams for emerging technologies and innovations for the management of population health during disasters and public health emergencies.

Upon completion, students will be able to:

- Critique a healthcare information system from multiple perspectives, including ethics, workplace policies, regulatory standards, provider usability, and interoperability to support the documentation of patient care
- Develop a plan for building partnerships to select and implement new communication and information technologies within a healthcare system that is inclusive of a diverse population

- Develop strategies for effective and sustainable delivery of safe and high-quality healthcare for diverse populations using innovative communication technologies and information systems
- Develop strategies for a system-level plan with local, regional, state, federal, or global teams to protect population health during disasters and public health emergencies when communication technologies have been impacted

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 620 - Translational Research

An emphasis will be placed on the critical examination of current research in the identification and dissemination of best practices for use in professional nursing roles. Content includes quantitative and qualitative research processes, critical research methods, analysis, and ethical aspects of scholarly inquiry. Students will explore the IRB process.

Upon completion, students will be able to:

- Synthesize research literature to integrate, translate, and apply liberal arts with nursing knowledge to improve practice and associated health outcomes for patient aggregates
- Analyze the efforts of legal and regulatory processes to promote laws, policies, and regulations to improve nursing practice and health outcomes
- Perform rigorous critique of evidence derived from databases to generate meaningful evidence for nursing practice to create innovational changes across complex healthcare systems
- Select effective communication strategies for disseminating the results of a comprehensive assessment of the evidence for nursing practice changes to strengthen health outcomes
- Prepare a research proposal for IRB following core scientific and ethical principles that ensure safe and quality care patient care

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

Prerequisites:

- NSG 520 - Evidence-Based Nursing
- Statistics Course.

NSG 625 - Curriculum Development and Implementation

This course analyzes the professional role of the nurse educator including curriculum development and implementation in both academic and clinical settings. A variety of teaching strategies for diverse learning styles will be examined. Specific change theories will be examined in relation to the development and implementation of curricula. Content will include continued competencies, educator credentialing, organizational accreditation, and the importance of lifelong learning.

Upon completion, students will be able to:

- Examine evidence-based theoretical perspectives in education, nursing, and other disciplines for application in curriculum development and implementation to advance nursing scholarship
- Conduct an assessment to identify internal and external contextual factors that influence curriculum and explore the relationship of these factors to an evidence-informed, context-relevant, and unified curriculum to strengthen outcomes
- Synthesize evidence-based theories, research, frameworks, and pedagogies relevant to philosophical and educational approaches to curriculum development and implementation
- Explore evidence-based approaches to course design and teaching/learning strategies for concept-based and context-relevant curriculum development and implementation in lifelong learning incorporating educator credentialing, competencies, and organizational accreditation
- Demonstrate effective communication strategies and a variety of delivery modalities within curriculum development and implementation of person-centered care and principles of advocacy

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 635 - Outcome Measurement and Evaluation in Education

This course examines a variety of methodologies and partnerships the nurse educator utilizes to identify, measure, and analyze outcomes of all domains of learning to advance nursing scholarship. Students will examine formative and summative evaluation processes in the classroom and clinical settings, as well as nursing program accreditation processes to strengthen student learning outcomes. A nurse educator's responsibility to pursue his/her own continuous professional improvement and ability to function as a transformational leader within the educational environment will be explored.

Upon completion, students will be able to:

- Synthesize evidenced-based research to advance nursing scholarship incorporating Bloom's taxonomy (domain and level) to develop program outcomes, student learning outcomes, and course objectives
- Conduct a comprehensive assessment as a foundation of formative and summative evaluation methods to strengthen students' learning outcomes in the didactic, laboratory, and clinical settings
- Evaluate students' level of critical thinking and achievement of learning outcomes and course objectives by utilizing informatics and communication technologies to promote high quality and safe health care
- Analyze and interpret statistics to determine test item reliability and validity by conducting a comprehensive assessment to strengthen outcomes
- Describe partnerships with local, state, federal, and/or global teams for a systematic assessment and evaluation of nursing programs, including the accreditation process
- Assess the nurse educator's role in his/her own professional practice, in nursing education scholarship, and as a transformational leader in the context of nursing's core values

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

NSG 650 - Nursing Practicum

This culminating practicum prepares graduates to function in the advanced nursing role aligned with their specialty track. Students will work closely with an experienced nurse educator who is MSN, DNP, or Ph.D. prepared preceptor to meet the students' individual and course objectives for the appropriate track. Through 135 practicum hours students will engage in supervised activities that integrate theoretical knowledge with practical application, fostering the development of competencies essential for advanced nursing practice roles. Practicum experiences are designed to support active role enactment and may include leading or contributing to organizational or educational initiatives, conducting needs or gap analysis, collaborating with interprofessional stakeholders, applying evidence to practice or system improvements, and evaluating outcomes to inform professional decision-making. (3 credit hours.)

Grade Basis: P
Credit hours: 3.0
Lecture hours: 3.0

NSG 660 - Nursing Project

This graduate level course provides students with a structured framework for developing a scholarly project aligned with their designated program track. Students identify a practice relevant problem, conduct an evidence based analysis, and design a theoretically grounded intervention or improvement proposal without implementation. Core expectations are consistent across the MSN program, while students pursue track specific objectives that reflect their specialty focus. The course emphasizes rigorous project design, methodological justification, and scholarly dissemination. Successful completion demonstrates readiness for advanced professional roles and the ability to contribute to evidence based practice within the student's specialty. The final project is written in a scholarly format consistent with graduate level academic standards. (3 credit hours)

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

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