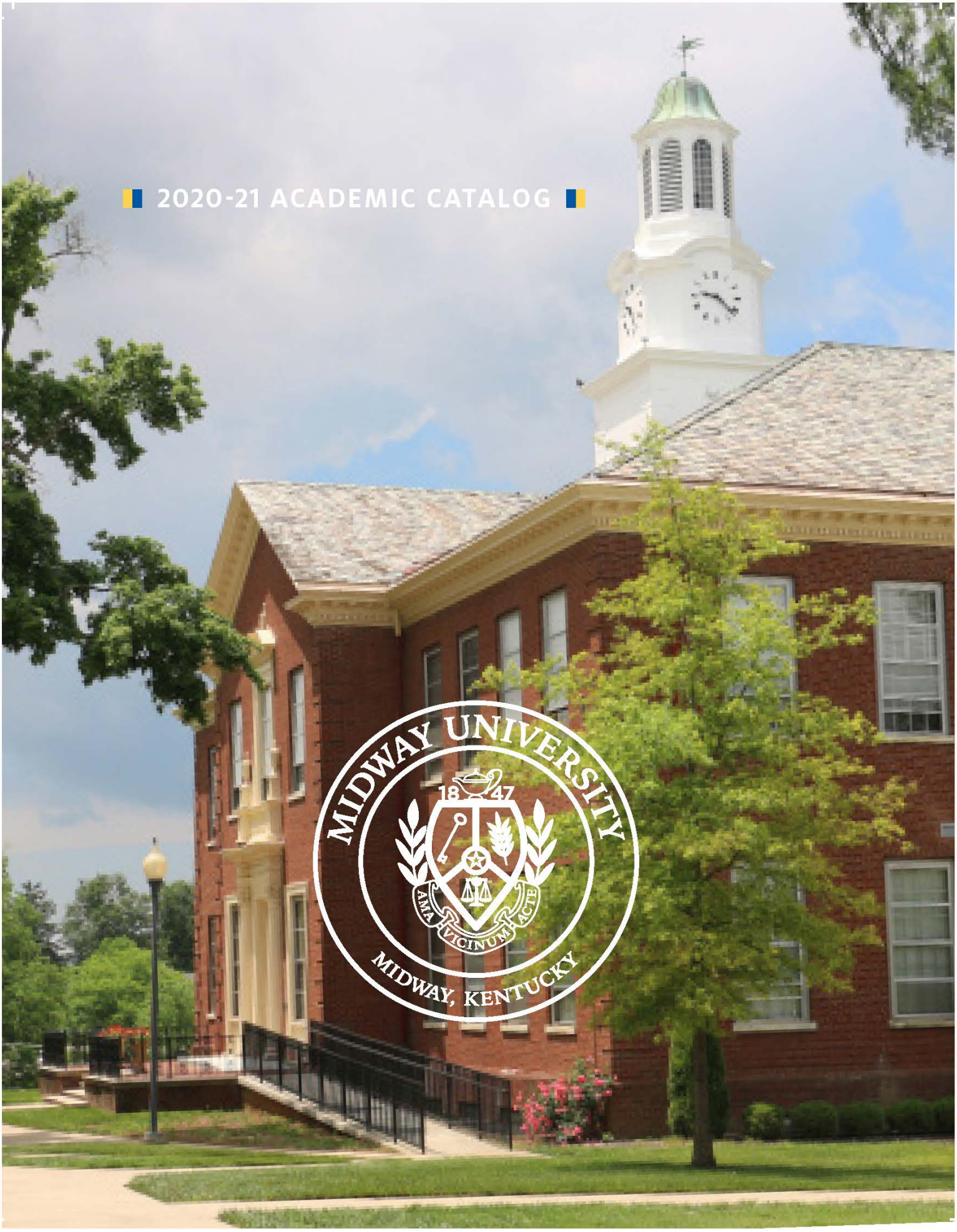
2020-21 ACADEMIC CATALOG



Midway University Course Catalog

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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 be able to effect changes in healthcare which is consistent with the mission of Midway University to prepare students for rewarding careers and responsible citizenship.

The MSN nursing education track is designed to prepare nurses for teaching careers in schools of nursing and nursing staff development/education departments in a variety of healthcare settings. Students focus on professional role development, knowledge translation, quality improvement and safety, ethics and health policy, curriculum development and implementation, and outcome measurement and evaluation. Evidence-based experiences in various settings provide students with opportunities to function as nurse educators. This track will address the critical nursing faculty shortage in Kentucky and the United States.

Student Learning Outcomes of Program

- Construct effective communication strategies for working effectively in teams and collaboratively with other health care providers.
- Synthesize best practices and organizational and systems leadership principles to promote high quality and safe patient care.
- Critique evidence with an understanding of quantitative and qualitative research to guide ethical decision-making.
- Create innovative approaches to complex issues in healthcare delivery at the local, state, and national levels based on understanding of health policy and principles of advocacy.
- Analyze current and emerging trends and technologies to support quality healthcare.

- Conduct a comprehensive systems assessment as a foundation for decision making.
- Design strategies to promote lifelong learning that incorporates professional nursing standards and accountability for practice.

Admission Deadlines

Applications to the MSN program will be reviewed throughout the year. It is strongly recommended that prospective students complete the application process 2-3 months prior to the semester within which they would like to begin matriculating.

Admission Criteria

BSN-MSN Track

1. Complete the application process for Midway University.
2. Complete the application process for the MSN Nursing program including the following:
    - Must have BSN degree from CCNE or ACEN accredited program whose parent institution is regionally accredited. Degrees from foreign institutions will be reviewed on an individual basis.
    - Submit official transcripts from each college or university attended.
    - Recommend a cumulative grade point average of 3.0 in nursing (on a 4.0 scale).
    - Must hold current and unencumbered registered nurse (RN) license in Kentucky or compact state.
    - Submit professional resume or curriculum vitae.
3. Submit the following: evidence of immunizations or titer showing immunity for measles, mumps, rubella (MMR), Hepatitis B, TDAP; Varicella; Influenza; current negative tuberculin skin test or T-spot; current American Heart Association BLS for Healthcare Providers certification; and letter from health insurance company with evidence of health insurance prior to beginning practicum rotation to meet the health criteria of clinical facilities.

RN (ADN)-MSN Bridge Program

In addition to the above admission requirements, applicants to the RN (ADN)-MSN Bridge option must have ADN degree from CCNE or ACEN accredited program whose parent institution is regionally accredited. Degrees from foreign institutions will be reviewed on an individual basis.

Additional Requirements

In addition to meeting the above requirements for admission, applicants who fall into any of the following categories should supply an official TOEFL score:

1. Born outside the United States
2. For whom English is a second language
3. Have a degree or transcripts from a non-U.S. institution.

A score of 550 (paper-based), 213 (computer-based) or 79-80 (Internet based) or higher on the Test of English as a Foreign Language (TOEFL) will be required of those who are not U.S. citizens and for whom English is not a first language.

Guidance for Admissions to the MSN Program

Applicants not meeting the requirements for unconditional admission may be offered conditional admission upon the recommendation of the Dean. A grade point average of at least a 2.80 on a 4.0 scale is required.

To attain full standing from conditional admission (i.e., progress beyond the first six hours of coursework) the student must complete the first six hours of course work at Midway University with at least a “B” average (3.0 on a 4.0 scale).

Exceptions to the above guidelines can be granted with permission of the Dean.

Degree Requirements

1. 36 hours of graduate credits in nursing for the education track; 36 hours of graduate credits in nursing and business administration for the administration track.
2. Minimum of 30 hours of graduate credits earned in residence at Midway University.
3. Earn a minimum grade of B in all graduate nursing courses.
4. Students must meet all Midway University graduation requirements for the master’s degree.
5. Full-time students must complete degree requirements within six (6) semesters and part-time students within nine (9) semesters from time of entry into the MSN program.

Courses

NSG 101 - Introduction to Professional Nursing Concepts

This course provides an overview of concepts that introduce the student to the BSN nursing program and baccalaureate generalist nursing practice. Students will become familiar the Essentials of Baccalaureate Education for Professional Nursing Practice (2008), National League for Nursing (NLN) Education Competencies Model (2012), and other nursing standards. The course includes an introduction of nurse theorists, evidence-based practice, client safety and quality of care, cultural and spiritual aspects, informatics, and other professional nursing concepts. In addition, the role of professional nursing in society and in the healthcare delivery system is discussed.

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

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 comprehension and knowledge of the nursing process, caring, communication and documentation, teaching/learning, and culture and spirituality. Six (6) hours of theory and eight (8) hours of clinical and required per week.

Grade Basis: L
Credit hours: 9.0
Lecture hours: 6.0

NSG 125 - Medical-Surgical Nursing

This course is designed as an introductory-level adult medical-surgical course to develop students' application of the nursing process for adults experiencing altered health states related to all body systems. This eight-week course includes didactic, clinical, and nursing skills lab experiences. Prerequisite: Admission to the ADN Program and Grade of "C" or higher in all previous ADN nursing courses.

Grade Basis: L
Credit hours: 5.0
Lecture hours: 3.0

NSG 130 - Mental Health Nursing

This course builds on concepts from NSG 115. In this course the nursing process is used as a tool to provide care to individuals with psychiatric disorders. Topics include therapeutic communication, psychobiology, psychopharmacology, anxiety disorders, thought disorders, substance abuse disorders, depressive, psychotic, dissociative, eating disorders, bereavement, victims or abuse and neglect and trauma. The disorders are presented in individuals across the lifespan including children and adolescents. Admission to the ADN Program and Grade of “C” or higher in all previous ADN nursing courses.

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

NSG 212 - Obstetric and Women's Health Nursing

This course is designed to further develop students' theoretical knowledge and clinical application of the nursing process as it applies to women, from childbearing through post menopause. Emphasis is on the care of the childbearing family, newborn, potential high-risk OB conditions, and care of women both pre- and post-menopause. Additional foci include: Enhancement of students' knowledge, communication techniques, and clinical judgment. This course includes didactic, clinical and nursing skills laboratory experiences. Prerequisite: Admission to the ADN Program and Grade of "C" or higher in all previous ADN nursing courses.

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

NSG 215 - Pediatric Nursing

This course is designed to further develop students' theoretical knowledge and clinical application of the nursing process as it applies to children and childrearing families in acute care and community settings. Emphasis is on the care of sick children from birth through adolescence, the care of childrearing families, and on wellness promotion. Additional foci include: Enhancement of students' knowledge, communication skills, and clinical judgement related to the care of children and

childrearing families. This course includes didactic, clinical and nursing skills laboratory experiences. Prerequisite: Successful completion of all previous ADN nursing courses.

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

NSG 225 - Advanced Medical-Surgical Nursing and Clinicals

NSG 225 is designed as an advanced-level adult medical-surgical course to further develop students' application and analysis of the nursing process as it relates to diverse groups of clients and families with co-morbid factors and higher acuity manifestations of illness and disease. This eleven-week course includes didactic, clinical, and nursing skills lab experiences to increase the students' ability to prioritize and timely manage the care of clients and families with complex health problems in collaboration with other members of the healthcare team. Six hours of theory are required per week. In addition, a total of 72 clinical hours. Prerequisite: Earn a "C" or better in all previous nursing courses.

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

NSG 230 - Synthesis and Integrative Practicum

This course is a 5-week, capstone course that consists of didactic instruction, discussions, and 120 integrated practicum hours to facilitate students' transition from academia into nursing practice. Upon completion of NSG 230, students will be competent in prioritizing nursing care through applying the nursing process in managing, in collaboration with other members of the healthcare team. Classroom discussion focuses on current issues and trends encountered in professional nursing practice. Students will explore leadership styles and submit a Leadership Portfolio. Prerequisite: Earn a "C" of better in all previous nursing courses.

Grade Basis: L
Credit hours: 4.0

NSG 235 - 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 changes and make clinical inferences using nursing diagnoses. Prerequisites: Completion of NSG 101, BIO 190/191 and BIO 198/199 with a minimum grade of "C" and acceptance into the BSN program or consent of the Dean, School of Health Sciences.

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
- NSG 101 - Introduction to Professional Nursing Concepts

NSG-240 - Pathopharmacology I

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. Systems discussed include: Fluids & electrolytes; acid/base disorders; integumentary system; head, ears, eyes, nose, & throat (HEENT) system; reproductive system; genitourinary system, neurologic system; musculoskeletal system; and implications related to prescription, over-the-counter, and herbal medications as well as drug interactions will be examined. Pre-requisites: BIO 190/191 and BIO 198/199 with a grade of C or better; and admission to the BSN Program or permission of the Dean, School of Health Sciences.

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

NSG 245 - Adult Medical-Surgical Nursing I: Fundamentals

This course is designed to assist students to apply the nursing process to foundational concepts and principles of nursing care. Emphasis is placed on knowledge and comprehension of basic human needs, nurse-client interaction, cultural competence, and measures essential for the physical and psychological comfort and safety of clients across the lifespan. The nursing care of clients and families experiencing effects of aging and death and dying, as well as alterations in spiritual health and self-concept, will be explored. Medical-surgical nursing care will be introduced for clients experiencing altered health states that relate to the integumentary, neurologic, and musculoskeletal systems; fluid, electrolyte, and acid/base balance; and chronic illnesses. Three (3) hours of theory, eight (8) hours of clinical, and one (1) hour of skills lab are required per week. Co-requisites: NSG 235 Health Assessment and NSG 240 Pathopharmacology I.

Grade Basis: L
Credit hours: 6.0
Lecture hours: 3.0
Lab hours: 1.0

Prerequisites:

- NSG 235 - Health Assessment
- NSG-240 - Pathopharmacology I

NSG 250 - Pathopharmacology II

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. Systems discussed include: cardiac system; respiratory system; gastrointestinal system;renal system; endocrine system, and implications related to prescription, over-the-counter, and herbal medications as well as drug interactions and issues of polypharmacy will be examined. Pre-requisites: BIO 190/191, BIO 198/199, NSG 240, and admission to the BSN Program or permission of the Dean, School of Health Sciences.

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
- NSG-240 - Pathopharmacology I

NSG 255 - Principles of Teaching and Learning

This course focuses on teaching/learning theories and strategies used by professional nurses to meet individual, family and community education needs. The nursing process provides a basis for planning, implementing, and evaluating teaching. The effectiveness of the baccalaureate nurse's teaching on client readmissions, and quality client outcomes is emphasized. Students analyze content, reading levels, and quality of print, web and other materials and redesign resources as appropriate. In addition, students will examine the impact of aging and co-morbid conditions on learning ability as well as age appropriate teaching strategies. Pre-requisite: NSG 101 and admission to the BSN Program or permission of the Dean, School of Health Sciences.

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

Prerequisites:

- NSG 101 - Introduction to Professional Nursing Concepts

NSG 260 - Mental Health Nursing

This course is designed to develop students' theoretical knowledge and clinical application of the nursing process as it applies to clients' mental health across the lifespan, such as therapeutic communication, family-centered care, crisis intervention, and psychiatric emergencies. Topics include psychobiology; psychopharmacology; anxiety, substance abuse, depressive, psychotic, dissociative, and eating disorders; and trauma. Three (3) hours of theory and nine (9) hours of clinical are required per week. Co-requisite: NSG 250 Pathopharmacology II. Pre-requisite: PSY/EDU 260 Human Growth and Development.

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

Prerequisites:

- PSY/EDU 260 - Human Growth and Development

NSG 310 - Introduction to Professional Nursing

This course provides an overview of concepts that introduce the student to the BSN nursing program and a professional level of nursing practice. Students will become familiar with two nursing best practice documents: the Essentials of Baccalaureate Education for Professional Nursing Practice (2008) and Recommended Baccalaureate Competencies and Curricular Guidelines for the Nursing Care of Older Adults (2010). The course includes an overview of nurse theorists, nursing research, client safety, aging and cultural aspects, health policy, and informatics. In addition, the role of professional nursing in society and in the healthcare delivery system is discussed. A BSN leadership portfolio and development of a personal philosophy of nursing are initiated. Prerequisite: Admission to BSN Program or permission of Dean, Nursing and Health Sciences.

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

NSG 320 - Ethical and Legal Aspects of Nursing

This course will discuss ethical and legal concepts relevant to the registered nurse. The content will include application of the ANA Code of Ethics, QSEN, and IOM competencies as they relate to different areas of professional nursing practice based on a framework for the development of ethical and legal competence, from recognition of an ethical or legal situation to implementation of a justifiable action. Essential communication and conflict skills will also be addressed, as well as the role of the ethics committee and ethics consultation. Course discussions will include common ethical and legal issues likely to be encountered, how to recognize and address moral distress, and ethical and legal practice as it relates to research, quality, and safety. Pre-requisite: Admission to the RN-BSN Program or permission of the Director of the program.

Upon completion, students will be able to:

- Apply the components of an ethical decision-making model to provide safe, ethical, and legal patient-centered nursing care to individuals, families, groups, and diverse populations across the lifespan.
- Describe important components of the communication process between the health care team and patients or their surrogates as a part of ethical and legal decision making.
- Explain how 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 ethically- and legally-sound decision making in the implementation of the nursing roles of member/advocate of the profession, communicator, educator, utilizer of research, life-long learner, collaborator, manager, and leader to meet current and emerging needs of individuals, families, groups, and populations in diverse, complex health care 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 is designed to enhance the nurse's physical and psychosocial assessment skills using standardized assessment instruments for clients across the lifespan. The functional, cognitive, psychological, and social changes unique to older adults are highlighted. Students will begin to focus on the probability of pathological change and conditions of varying complexity. Clinical inferences are recorded using nursing diagnoses. Students are expected to participate as examiners and examinees and to independently obtain individuals for final assessment check offs. Prerequisites: Completion of BIO 190/191 and BIO 198/199 with a minimum grade of "C" and acceptance into the BSN program or consent of the Dean, School of Health Sciences.

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

NSG 345 - Adult Medical-Surgical Nursing II

This course builds on concepts from NSG 245 and is designed to further develop students' theoretical knowledge and clinical application of the nursing process. Medical-surgical nursing care will be explored for clients experiencing altered health states that relate to the neuropsychological, cardiac, respiratory, gastrointestinal, endocrine, metabolic, renal, genitourinary, and reproductive systems.

Three (3) hours of theory, eight (8) hours of clinical, and one (1) hour of skills lab are required per week. Pre-requisites: NSG 240 Pathopharmacology I, NSG 245 Adult Med-Surg I: Fundamentals, NSG 250 Pathopharmacology II.

Grade Basis: L
Credit hours: 6.0
Lecture hours: 3.0
Lab hours: 1.0

Prerequisites:

- NSG-240 - Pathopharmacology I
- NSG 245 - Adult Medical-Surgical Nursing I: Fundamentals
- NSG 250 - Pathopharmacology II

NSG 350 - Perinatal Nursing

This course is designed to further develop students' theoretical knowledge and clinical application of the nursing process as it applies to child-bearing clients and their families. Foci include: concepts of conception, genetics, pregnancy, labor and delivery, postpartum, newborn, and complications specific to this population. Three (3) hours of theory, eight (8) hours of clinical, and one (1) hour of skills lab are required per week. Prerequisite: NSG 235 Health Assessment, NSG 250 Pathopharmacology II, NSG 255 Principles of Teaching and Learning.

Grade Basis: L
Credit hours: 6.0
Lecture hours: 3.0
Lab hours: 1.0

Prerequisites:

- NSG 235 - Health Assessment
- NSG 250 - Pathopharmacology II
- NSG 255 - Principles of Teaching and Learning

NSG 355 - Population Health Nursing

This course focuses on population health issues in the local and wider global communities. Discussion is framed around nursing care of aggregates of the general population. Principles of epidemiology, community characteristics, and available health services will be examined. Research findings will be utilized to design health promotion and illness prevention strategies in the delivery of care. The effectiveness of community resources in caring for clients and their families across the lifespan will be analyzed to maximize function and maintain independence. Three (3) hours of theory and three (3) hours of clinical are required per week. Pre-requisites: BIO 225 and 226 Microbiology and Lab, NSG 235 Health Assessment, NSG 255 Principles of Teaching and Learning.

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

Prerequisites:

- BIO 225 - Microbiology
- BIO 226 - Microbiology Laboratory
- NSG 235 - Health Assessment
- NSG 255 - Principles of Teaching and Learning

NSG 360 - Pharmacology

This course equips the student with an in-depth study of major categories of drugs. The focus is on pharmacodynamic and pharmacokinetic properties with an emphasis on the vital role the professional nurse plays in the clinical application of drug therapy across the lifespan. Pharmacokinetics of aging, issues of polypharmacy, and implications related to prescription, over- the-counter, and herbal medications as well as drug interactions will be examined. Additional content includes unique individual and cultural responses and client education needs. Client safety and the role of information technology are highlighted. Emphasis is placed on the importance of communication between nurses and members of the interprofessional team as clients transition between healthcare facilities and home. Pre-requisite: Admission to the RN-BSN Program or permission of the Dean, School of Health Sciences.

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

NSG 365 - Pediatric Nursing

This course is designed to further develop students' theoretical knowledge and clinical application of the nursing process as it applies to safe, evidence-based care of pediatric clients and their families. Foci include: concepts of growth and development, weight-based medication administration, pediatric abuse and trauma, as well as health promotion, disease prevention, and disease processes specific to the pediatric population. Three (3) hours of theory, eight (8) hours of clinical, and one (1) hour of skills lab are required per week. Prerequisite: NSG 235 Health Assessment, NSG 250 Pathopharmacology II, NSG 255 Principles of Teaching and Learning, NSG 345 Adult Medical-Surgical Nursing II.

Grade Basis: L
Credit hours: 6.0
Lecture hours: 3.0
Lab hours: 1.0

Prerequisites:

- NSG 235 - Health Assessment
- NSG 250 - Pathopharmacology II
- NSG 255 - Principles of Teaching and Learning
- NSG 345 - Adult Medical-Surgical Nursing II

NSG 370 - Adaptations for Mental Health

In this course the student begins to synthesize concepts from previous coursework with theories of adaptation. Gerontological nursing competencies, evidence-based practice and client safety are underscored. Situational and maturational crises, stress, ethical considerations, and coping in relation to mental health are integral concepts for dialogue. Discussion focuses on high-risk diverse populations of individuals, families, and communities and their adaptive responses to critical and long term complex problems. Assignments include a presentation, book/movie analysis, and case study. Students will explore group dynamics by attending various types of support groups and will reflect on their experiences with journal writing.

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

NSG 390 - Teaching and Learning

This course focuses on teaching/learning theories and strategies used by professional nurses to meet individual, family and community education needs. The nursing process provides a basis for planning, implementing, and evaluating teaching. The effectiveness of the baccalaureate nurse's teaching on client readmissions, quality client outcomes, and health care costs is emphasized. Students analyze content, reading levels, and quality of print, web and other materials and redesign resources as appropriate. In addition, students will examine the impact of aging and co-morbid conditions on learning ability as well as age appropriate teaching strategies. A health promotion project allows students to practice and demonstrate teaching skills and techniques. Pre-requisite: Admission to the RN-BSN Program or permission of the Dean, School of Health Sciences.

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

NSG 410 - Community Health Nursing

This senior level course focuses on public health issues in the local and wider global communities. Discussion is framed around nursing care of aggregates of the general population. Principles of epidemiology, community characteristics, and available health services are utilized in conducting an extensive community assessment. Students will use research findings to design health promotion and illness prevention strategies in the delivery of care to the community. Students will analyze the effectiveness of community resources in caring for clients and their families across the lifespan to maximize function and maintain independence.

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

NSG 411 - Community Health Nursing Practicum

This course is the practicum component to NSG 410 Community Health Nursing and consists of 45 precepted hours with an experienced nurse in a community health setting. Practicum experiences occur in a variety of settings and focus on care of the family and vulnerable aggregates. Students will analyze the effectiveness of community resources for families and populations across the lifespan, maximizing health promotion and disease prevention. Co-requisite: NSG 410.

Grade Basis: L
Credit hours: 1.0

NSG 430 - Introduction to Evidence Based Research

NSG 430 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. Assignments include critical analysis of research evidence and a systematic literature review as the initial components of the Capstone Project. Prerequisites: Completion of MTH 245 with minimum grade of "C" or higher and admission to BSN Program or permission of Dean, Nursing and Health Sciences. This course must be completed immediately prior to the last semester of the program.

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 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.

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 is designed to examine current issues and emerging trends relevant to professional nursing. Historical perspectives as well as futuristic considerations provide the framework of study. Students will analyze the impact of an aging society on the health care system and various geriatric care models. Emphasis is placed on the evolving roles of professional nurses in the healthcare system as they relate to legal, ethical, economic, political and social issues, healthcare policy, finance, and regulatory environments. Students will explore information management and the use of health-care technology.

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

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

This course addresses care of the complex, high-acuity adult medical-surgical clients. It is designed to further develop students' application and analysis of the nursing process as it relates to diverse groups of clients and families with co-morbid factors and higher acuity manifestations of disease. Didactic, clinical, and nursing skills lab experiences are employed to increase the students' prioritization, time management skills, and interprofessional collaboration. Three (3) hours of theory, eight (8) hours of clinical, and one (1) hour of skills lab are required per week. Pre-requisites: NSG 345 Adult Medical-Surgical Nursing II.

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

NSG 460 - Nursing Leadership and Management

This senior level course focuses on the leadership roles of the professional nurse. Emphasis is placed on leadership concepts, skills and decision making in the provision of high quality nursing care and healthcare team coordination. Various leadership models and change theories will be studied. The senior capstone project, which is completed in this course, serves as a culmination of the student's baccalaureate education and illustrates the values, knowledge, skills and attitudes of the professional nursing role. This project involves a review of the literature (completed in prior courses), development/implementation of project, a formal paper, and a presentation of the project to the college and the professional community.

Grade Basis: L

Credit hours: 4.0
Lecture hours: 4.0

NSG 461 - Nursing Leadership and Management Practicum

This course is the practicum component to NSG 460 Nursing Leadership and Management and includes 45 precepted hours with an executive nurse leader. The practicum experience is designed to serve as the framework for the senior capstone project and to provide opportunities to develop and practice leadership skills in a variety of health care settings. Co-requisite: NSG 460.

Grade Basis: L
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. Co-requisite: NSG 435 Evidence-Based Nursing Research; Pre- or Co-Requisites: BUS elective; PHIL 301 Ethics.

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

Prerequisites:

- NSG 435 - Evidence-Based Nursing Research
- PHIL 301 - Ethics

NSG 490 - Synthesis/Capstone

This is a capstone course that consists of didactic instruction, discussion, and 135 integrated practicum hours to facilitate students' transition from academia into competent and confident nursing practice. Students will refine the knowledge and skills necessary to manage care as part of an interprofessional team. This preceptorship provides the student with experiences and nursing role models that prepare them for practice in complex, changing healthcare environments. In addition, it provides opportunities for building clinical reasoning, management, and evaluation skills; increase the student's self-confidence; and develop their professional identity. The senior capstone project, which is completed in this course, serves as a culmination of the student's baccalaureate education and illustrates the values, knowledge, skills and attitudes of the professional nursing role. This project involves a review of the literature (completed in prior courses), development/implementation of project, a formal paper, and a presentation of the project to the college and the professional community. Pre-requisites: All previous BSN nursing courses. 5 credits: 2 hours of didactic per week; total of 135 practicum hours for course

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

NSG 510 - Professional Role Transition

Built on a foundation of nursing and leadership theory and research, this course enhances the knowledge and skills through which nurses may influence the future of nursing, nursing administration and nursing education. Students will explore the leadership and communication dynamics necessary to lead collaborative interprofessional teams that promote healthy work environments for staff and quality outcomes for clients. In addition, students will examine The Essentials of Master's Education in Nursing and other professional nursing standards. Areas of skill development include scholarly writing, presentations, and computer-based skills.

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

NSG 520 - Evidence-Based Nursing

In this course, students explore the history of Evidence-Based Practice (EBP). Students will identify current best evidence and appraise the evidence for rigor and applicability to the practice setting as well as to sustain organizational change. EPB models that promote adoption of evidence into healthcare to improve quality and safety will be examined.

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.

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.

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

NSG 560 - Advanced Pathophysiology/Pharmacology

This course explores scientific complexity and integration of pathophysiologic states and utilization of pharmacologic agents for disease management. 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, costs of medications, Medicare and Medicaid reimbursement for medications, and issues of dosage and generic use.

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

NSG 570 - Role of the Nurse Administrator

In this course, students explore the professional roles and responsibilities of the nurse administrator including interprofessional collaboration in diverse settings. Students will be encouraged to explore innovative practices in leadership roles, such as decision making, creating a culture of safety and quality, organizational behaviors, budget development, strategic planning, and effecting change.

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

NSG 580 - Advanced Health Assessment

This course is designed to enhance the knowledge and skills of the nurse educator to teach and evaluate health assessment in academic and primary or acute care settings. Emphasis will be on advanced systems-focused assessment and interviewing techniques including considerations for cultural variations.

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 leadership skills needed to be an effective member and 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.

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

NSG 610 - Informatics and Healthcare Technology

This course examines the current standards and uses of informatics in client care delivery and healthcare systems. Electronic healthcare systems will be critiques regarding current architecture and ethical standards, provider usability and support, and role in client safety and quality improvement. Students will develop the ability to integrate nursing science, computer science and information science to improve population health. Emerging technologies and innovations will be examined for client and provider applications in improving health outcomes.

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 practice for use in professional nursing roles. Content includes quantitative and qualitative research processes, critical research methods, analysis, and ethical aspects of scholarly inquiry. Data analysis techniques will be utilized to translate research into practice. Prerequisite: Statistics course.

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

Restrictions:

- Prerequisite: Statistics course.

NSG 625 - Curriculum Development and Implementation

This course analyzes the professional role of the nurse educator including curriculum development 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 development and implementation of curricula. Content will include continued competencies, educator credentialing, and the importance of lifelong learning.

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

NSG 627 - Financial Aspects of Health Care

This course will explore financial management issues important for today's nurse administrators functioning within a rapidly changing healthcare delivery system. The financial impact of administrative decisions across healthcare organizations will be examined. Topics in this course will include current trends and future directions in cost/benefit analysis, budgeting, planning and control management of the organization's financial resources, case management, population health management and outcomes, as well as use of financial management tools. In addition, data that influences third-party reimbursement, such as client outcomes and client satisfaction, and their impact on healthcare financing will be investigated.

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 the nurse educator utilizes to identify, measure and analyze outcomes of all domains of learning. Students will examine formative and summative evaluation processes in the classroom and clinical settings.

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

NSG 650 - Nursing Education Practicum

This course provides practical experiences in application, demonstration, and synthesis of educational theory and competencies. Students will explore innovative teaching methodologies and educational programs for academic or clinical settings. In addition, students will work closely with an experienced nurse educator in either an academic or clinical setting to meet the students' individual and course objectives. (135 practicum hours equals 3 credit hours).

Grade Basis: L
Credit hours: 3.0

NSG 652 - Nursing Administrator Practicum

This course provides practical experiences in application, demonstration, and synthesis of leadership and administrative theories and competencies. Students will incorporate change processes demonstrating transformational leadership skills. In addition, students will work theory and transformational leadership strategies in implementation of a practice change. In addition, students will work closely with an experienced leader/administrator in a healthcare delivery system to meet the students' individual and course objectives (135 practicum hours equals 3 credit hours).

Grade Basis: L
Credit hours: 3.0

NSG 660 - Nursing Education Scholarly Project

The nursing education scholarly project addresses an in-depth exploration of a nursing- focused question or problem related to a nursing education issue. Students work individually to develop and implement an innovative teaching methodology or educational program in an academic or clinical setting demonstrating transformational leadership skills. The project will be individualized by the student and approved by faculty. The proposal will be written in a scholarly format that includes statistical analysis of outcomes data.

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

NSG 662 - Nursing Administrator Scholarly Project

The nursing administration scholarly project addresses an in-depth exploration of a nursing-focused question or problem related to a healthcare delivery system issue. Students work individually to lead a change process demonstrating transformational leadership skills. The project will be individualized by the student and approved by faculty. The proposal will be written in a scholarly format that includes statistical analysis of outcomes data.

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

NSG 670 - Nursing Education Thesis

The nursing education thesis is a research investigation of phenomena of interest to academic or clinical nursing education. Students will work individually with a faculty committee to complete a research study that generates new knowledge in the field of nursing education.

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

NSG 672 - Nursing Administrator Thesis

The nursing administration thesis is a research investigation of phenomena of interest to nursing leadership of complex healthcare systems. Students will work individually with a faculty committee to complete a research study that generates new knowledge in the field of nursing administration.

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

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