Nursing (NURSE)

NURSE 1000: Advisory Seminar for Nursing
Orientation to the undergraduate nursing program, professional role development, and introduction to the professional milieu. Graded on an S/U basis only.

Credit Hour: 1

NURSE 2200: Foundations of Communication and Professionalism in Nursing
In this course, students develop interpersonal communication skills and cultural competency in nursing. Topics include social determinants of health, biases in the healthcare setting, health literacy, health disparities, medical terminology, and evidence-based communication techniques. Students will learn fundamental concepts related to the profession of nursing. Graded on A-F basis only.

Credit Hours: 3

NURSE 2200H: Foundations of Communication and Professionalism in Nursing - Honors
In this course, students develop interpersonal communication skills and cultural competency in nursing. Topics include social determinants of health, biases in the healthcare setting, health literacy, health disparities, medical terminology, and evidence-based communication techniques. Students will learn fundamental concepts related to the profession of nursing. Graded on A-F basis only.

Credit Hours: 3

NURSE 2500: Emergency Medical Technician (EMT) Basics
The EMT-Basic course covers emergency medical concepts and techniques currently considered to be within the responsibilities of future EMT professionals providing emergency care in a pre-hospital setting as set forth by the Bureau of Emergency Medical Services of the State of Missouri. This course is part 1 of 2 in meeting the requirements established by the U.S Department of Transportation the Bureau of Emergency Medical Services of the State of Missouri criteria for EMT certification. Graded on A-F basis only.

Credit Hours: 4.5
Recommended: Students must be at least 18 years of age

NURSE 2550: Emergency Medical Technician (EMT) Basics Field and Clinical Practicum
The EMT-Basic Field and Clinical Practicum provides students with additional EMT concepts and hands on application of the medical concepts and techniques learned from the EMT-Basic course. During the field and clinical practicum, students will work side by side with EMS professionals and provide emergency care in the pre-hospital and hospital settings. This clinical course is part 2 of 2 in meeting the Bureau of Emergency Medical Services of the State of Missouri requirements for EMT certification. Graded on A-F basis only.

Credit Hours: 2
Prerequisites or Corequisites: NURSE 2500
Recommended: Students must be at least 18 years of age

NURSE 2800: Unlicensed Assistive Personnel Training for Future Healthcare Providers
This course prepares students with the knowledge and skills required for employment as Unlicensed Assistive Personnel (UAP) in hospital, long-term care, and home health settings. Graded on A-F basis only.

Credit Hours: 3
Corequisites: NURSE 2887

NURSE 2887: Unlicensed Assistive Personnel Internship
This internship provides students the opportunity to train as an Unlicensed Assistive Personnel (UAP) for 70 hours of paid precepted time at an approved partnering health care agency. These hours are to be completed outside of scheduled course and lab times/requirements. Completion of the 70 hours will appear on the student's transcript as N2887 for zero credit. Note the internship hours do not count toward full-time enrollment. No tuition or fees are charged for the internship hours. Graded on S/U basis only.

Credit Hours: 0
Prerequisites: Instructor's consent

NURSE 3000: Health Care Resiliency
This course examines the unique psychosocial, spiritual, and physical stressors health professionals encounter while carrying out their duties. Self-care practices are examined that build the resilience needed to address challenging professional demands. This course draws on the extensive scientific literature that explores health and wellness promotion. Graded on A-F basis only.

Credit Hour: 1
Prerequisites: For Clinical Nursing majors only during Early Registration

---

NURSE 3002: Topics in Nursing - Biological, Physical, Mathematical
Specialized topics in nursing not available through regularly offered courses. Sections may be offered either on S/U or A-F basis.

Credit Hour: 1-4

NURSE 3002H: Topics in Nursing - Biological Sciences- Honors
Specialized topics in nursing not available through regularly offered courses. Sections may be offered either on S/U or A-F basis.

Credit Hour: 1-4
Prerequisites: Honors Eligibility required

NURSE 3080: Introduction to Nursing Informatics
Informatics is the science of managing information. This course provides basic content for understanding informatics in nursing. Principles, theories, and practices of informatics from seeking and storing to retrieving and analyzing information will be presented. Students will apply basic content as they consider informatics from consumer and provider perspectives for current or future use as nursing professionals. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Admission to RN-BSN option

NURSE 3200: Pathophysiology
Students will examine pathophysiology processes of common diseases, illnesses, and injuries and how these relate to human functioning, clinical manifestations, diagnosis, treatment, complications, and the experience of health alterations as related to nursing. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: PTH_AS 2201 and PTH_AS 2203 and MPP 3202
Recommended: NURSE 2200

NURSE 3200H: Pathophysiology - Honors
Students will examine pathophysiologic processes of common diseases, illnesses, and injuries and how these relate to human functioning, clinical manifestations, diagnosis, treatment, complications, and the experience of health alterations as related to nursing.

Credit Hours: 4
Prerequisites: Restricted to pre-nursing and students in the Clinical Nursing Major. PTH_AS 2201 and PTH_AS 2203 and MPP 3202; Honors eligibility required

NURSE 3220: Holistic Health Promotion and Wellness
This course will explore concepts of health promotion and wellness. The course will include self-care and nursing professional identity as well as health promotion screenings and strategies for the individual, family and community. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Admission to nursing clinical major

NURSE 3220H: Holistic Health Promotion and Wellness - Honors
This course will explore concepts of health promotion and wellness. The course will include self-care and nursing professional identity as well as health promotion screenings and strategies for the individual, family and community. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Admission to nursing clinical major. Honors eligibility required

NURSE 3280: Fundamentals of Nursing
This course assists students to identify and apply the nursing process in both laboratory and clinical settings. The course provides classroom, laboratory and clinical experiences for learning fundamental to complex nursing skills and technologies. Assists students with necessary application of foundational knowledge and critical thinking in the clinical setting. The student will utilize skills of data collection, documentation, communication, implementation and evaluation of a plan of care to meet health care needs. Graded on A-F basis only.

Credit Hours: 5
Prerequisites or Corequisites: NURSE 3200 or NURSE 3260 and NURSE 3370 and NURSE 3300 or NURSE 3100
Prerequisites: Restricted to Clinical BSN Nursing Major

NURSE 3300: Pharmacology and Nursing Implications I
This course will focus on developing knowledge of basic principles of pharmacology, medications used to treat common conditions, the nurse's role in medication administration, and patient education. Medication administration skills will be developed in the lab portion of the course. This is the first course in a two-course series. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: Restricted to Clinical Nursing Majors

NURSE 3320: Pharmacology and Nursing Implications II
Building upon knowledge and skills developed in N3300, this course will develop knowledge of medications used to treat less common or more complex conditions. Pharmacology concepts and dosage calculations concepts will increase in complexity. This is the second course in a two-course series. Graded on A-F basis only.

Credit Hours: 2
Prerequisites: NURSE 3300 and NURSE 3400

NURSE 3350: Individual Study
Independent study for qualified students in specific areas of interest in nursing under faculty guidance. Some sections may be graded A-F only or S/U only.

Credit Hour: 0-6
Prerequisites: instructor's consent

NURSE 3370: Health Assessment in Nursing
This course provides opportunities for students to acquire and build upon knowledge of health and illness and to develop skill in assessment of the whole individual. Students will learn a holistic approach to assessment,

focused on physical, mental and social aspects, to determine the health status of individuals, families and communities. Students will develop skills in taking a health history and conducting a complete head-to-toe assessment of adults as well as individuals across the life-span from infants and children to older adults. Students will perform skills in a laboratory setting that are transferable to the clinical setting. The student is expected to apply knowledge from prerequisite and concurrent courses in data collection and interpretation of findings to determine the need for nursing care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites or Corequisites: NURSE 3200 or NURSE 3260 and NURSE 3370 and NURSE 3300 or NURSE 3100
Prerequisites: Traditional Students - Clinical Nursing Majors (CLN_BSN) NURSE 2200 or NURSE 2100; Accelerated Students - Acceptance into the Accelerated Nursing Program

---

NURSE 3370H: Health Assessment in Nursing - Honors
This course provides opportunities for students to acquire and build upon knowledge of health and illness and to develop skill in assessment of the whole individual. Students will learn a holistic approach to assessment, focused on physical, mental and social aspects, to determine the health status of individuals, families and communities. Students will develop skills in taking a health history and conducting a complete head-to-toe assessment of adults as well as individuals across the life-span from infants and children to older adults. Students will perform skills in a laboratory setting that are transferable to the clinical setting. The student is expected to apply knowledge from prerequisite and concurrent courses in data collection and interpretation of findings to determine the need for nursing care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites or Corequisites: NURSE 3200 or NURSE 3260 and NURSE 3370 and NURSE 3300 or NURSE 3100
Prerequisites: Honors Eligibility required. Traditional Students - Clinical Nursing Majors (CLN_BSN) NURSE 2200 or NURSE 2100; Accelerated Students - Acceptance into the Accelerated Nursing Program

---

NURSE 3400: Nursing Fundamentals and Assessment
Students will develop and apply fundamental nursing skills including physical assessment, safety precautions, and nursing procedures. This course includes didactic, lab, and clinical elements. Graded on A-F basis only.

Credit Hours: 8
Prerequisites: Admission into the clinical major

NURSE 3470: Mental Health Nursing
Students will discover behavioral, social, interpersonal, neurobiological, and neuropsychological aspects of mental health nursing. Therapeutic use of self in designing and implementing nursing care for clients throughout the life cycle is emphasized. Content on psychopathology is included. This course includes didactic and clinical elements. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3300 and NURSE 3400

NURSE 3470H: Mental Health Nursing - Honors
Students will discover behavioral, social, interpersonal, neurobiological, and neuropsychological aspects of mental health nursing. Therapeutic use of self in designing and implementing nursing care for clients throughout the life cycle is emphasized. Content on psychopathology is included. This course includes didactic and clinical elements. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3300 and NURSE 3400. Honors eligibility required

---

NURSE 3670: Adult Nursing: Common Health Conditions
This course focuses on developing the knowledge, skills, and clinical judgment needed for the delivery and management of care for adults with common acute health conditions. This course has didactic and clinical components. Graded on A-F basis only.

Credit Hours: 6
Prerequisites or Corequisites: NURSE 3320
Prerequisites: NURSE 3300, NURSE 3400

NURSE 3800: Gerontological Nursing Care
Emphasis on normal aging processes, health promotion, disease prevention, management of complex health conditions, and evaluation of care for older adults.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 3300 or NURSE 3100
Prerequisites: NURSE 3370 and NURSE 3280

NURSE 3900W: Introduction to Research for Evidence Based Nursing Practice - Writing Intensive
This course introduces students to research in nursing, medicine, and healthcare. Students then apply research findings to evidence-based nursing practice. Quality improvement is presented as a method for implementing evidence-based practice. Students develop an appreciation for research as a component of professionalism, lifelong learning, and evidence-based practice.

Credit Hours: 3
Prerequisites: STAT 1200 or STAT 1300 or ESC_PS 4170 or STAT 2500 and Clinical Nursing Major

---

NURSE 3920: Introduction to Nursing Science and Informatics
This course introduces students to research and informatics in nursing and healthcare. Students apply research and quality improvement

principles as methods for implementing evidence-based practice. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3300 and NURSE 3400

NURSE 3920H: Introduction to Nursing Science and Informatics - Honors
This course introduces students to research and informatics in nursing and healthcare. Students apply research and quality improvement principles as methods for implementing evidence-based practice. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3300 and NURSE 3400. Honors eligibility required

---

NURSE 3920W: Introduction to Nursing Science and Informatics - Writing Intensive
This course introduces students to research and informatics in nursing and healthcare. Students apply research and quality improvement principles as methods for implementing evidence-based practice. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 3300 and NURSE 3400

NURSE 4070: Adult Nursing: Geriatrics and Chronic Health Conditions
This course focuses on managing nursing care for older adults and adults with chronic illnesses, emphasizing health promotion, prevention of hospitalizations, and management of complex conditions. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3320, NURSE 3470, NURSE 3670, NURSE 3920

NURSE 4110: Role Transitions
This course focuses on the role transitions from the associate degree level to the baccalaureate degree. The student will examine concepts and skills critical to successful role transition. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Admission to RN-BSN option

NURSE 4200: Nursing Ethics and Law
This course examines and explores legal and ethical principles and applications as they pertain to clinical nursing practice and healthcare. The information in this course is applied in concurrent and subsequent program courses and provides a foundation for ethical and legal professional nursing practice. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Restricted to RN-BSN students

NURSE 4200W: Nursing Ethics and Law - Writing Intensive
Analyzes clinical nursing situations using ethical principles and decision-making models. Examines the basic doctrines and principles foundational for providing legally sound nursing practice. Grad on A-F basis only.

Credit Hour: 3-4
Prerequisites or Corequisites: NURSE 3080 or NURSE 3670
Prerequisites: Senior Clinical Major

NURSE 4210: Nursing Ethics
This course examines and explores legal and ethical principles and applications as they pertain to clinical nursing practice and healthcare. The information in this course is applied in concurrent and subsequent program courses and provides a foundation for ethical and legal professional nursing practice. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 3370

NURSE 4210W: Nursing Ethics - Writing Intensive
This course examines and explores legal and ethical principles and applications as they pertain to clinical nursing practice and healthcare. The information in this course is applied in concurrent and subsequent program courses and provides a foundation for ethical and legal professional nursing practice. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 3370

NURSE 4270: Pediatric Nursing
This course will provide students with the specialized knowledge, skills, and competencies required to deliver nursing care to infants, children, and adolescents. Key concepts and topics will include growth and development, health promotion, and health restoration of common acute and chronic conditions. Emphasis is placed on the clinical judgment model and provision of safe family-centered nursing care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3320, NURSE 3470, NURSE 3670, NURSE 3920

NURSE 4270H: Pediatric Nursing - Honors
This course will provide students with the specialized knowledge, skills, and competencies required to deliver nursing care to infants, children,

and adolescents. Key concepts and topics will include growth and development, health promotion, and health restoration of common acute and chronic conditions. Emphasis is placed on the clinical judgment model and provision of safe family-centered nursing care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3320, NURSE 3470, NURSE 3670, NURSE 3920. Honors eligibility required

---

NURSE 4300: Nursing Issues/Leadership and Management
Examines leadership and organizational theories in relation to resource management and effective delivery of nursing to sets of clients. Analyzes societal/political issues and trends related to nursing and contemporary health care.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 3670

NURSE 4300H: Nursing Issues/Leadership and Management - Honors
Examines leadership and organizational theories in relation to resource management and effective delivery of nursing to sets of clients. Analyzes societal/political issues and trends related to nursing and contemporary health care.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 3670
Prerequisites: Honors eligibility required

NURSE 4380: Health Assessment and Pathophysiology
Examines biologic basis for selected commonly occurring diseases throughout the life-span. Study and performance of health assessments with application of findings to adults and children.

Credit Hours: 3
Prerequisites: RN-BSN student

NURSE 4400: Nursing Leadership and Management
This course is designed to equip RN-BSN students with the essential leadership and management skills necessary for advancing professional practice. The course emphasizes the development of a collaborative culture, leadership competencies, and an understanding of the multifaceted roles and responsibilities of nurse leaders. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 3080
Prerequisites: Restricted to RN-BSN Students

NURSE 4420: Nursing Ethics and Leadership
This course examines leadership and organization theories as well as ethical and legal principles in relation to resource management and delivery of effective nursing care. Students will analyze societal and political issues and trends related to nursing and contemporary health care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3320, NURSE 3470, NURSE 3670 and NURSE 3920

NURSE 4420H: Nursing Ethics and Leadership - Honors
This course examines leadership and organization theories as well as ethical and legal principles in relation to resource management and delivery of effective nursing care. Students will analyze societal and political issues and trends related to nursing and contemporary health care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3320 and NURSE 3470 and NURSE 3670 and NURSE 3920. Honors eligibility required

---

NURSE 4420HW: Nursing Ethics and Leadership - Honors/Writing Intensive
This course examines leadership and organization theories as well as ethical and legal principles in relation to resource management and delivery of effective nursing care. Students will analyze societal and political issues and trends related to nursing and contemporary health care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3320 and NURSE 3470 and NURSE 3670 and NURSE 3920. Honors eligibility required

---

NURSE 4420W: Nursing Ethics and Leadership - Writing Intensive
This course examines leadership and organization theories as well as ethical and legal principles in relation to resource management and delivery of effective nursing care. Students will analyze societal and political issues and trends related to nursing and contemporary health care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 3320 and NURSE 3470 and NURSE 3670 and NURSE 3920

NURSE 4470: Reproductive and Neonatal Nursing
Essential knowledge and skills are developed to provide reproductive, obstetric, neonatal and gynecological nursing care. This course has didactic and clinical components. Graded on A-F basis only.

Credit Hours: 4

Prerequisites: NURSE 3320, NURSE 3470, NURSE 3670 and NURSE 3920

NURSE 4470H: Reproductive and Neonatal Nursing - Honors
Essential knowledge and skills are developed to provide reproductive, obstetric, neonatal and gynecological nursing care. This course has didactic and clinical components. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: For Clinical BSN, students must have completed NURSE 3470 and NURSE 3670; Honors eligibility required
Corequisites: For Accelerated BSN students NURSE 3670

NURSE 4500: Interprofessional Healthcare Collaboration and Care Management
In today's rapidly evolving healthcare landscape, the successful management of patient care requires a synergistic approach that involves multiple healthcare disciplines working together to achieve optimal outcomes. This course aims to bridge the gaps between various healthcare professions, fostering a collaborative mindset that is essential for enhancing patient safety, improving health outcomes, and maximizing resource utilization. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Restricted to RN-BSN students

NURSE 4770: Community & Public Health Nursing Clinical
This course provides clinical experiences to meet population health needs. Students complete clinical experiences in a variety of settings. Graded on S/U basis only.

Credit Hour: 1
Prerequisites: NURSE 3220, NURSE 3300, NURSE 3320, NURSE 3400, NURSE 3470, NURSE 3670 and NURSE 3920

NURSE 4770H: Community & Public Health Nursing Clinical - Honors
This course provides clinical experiences to meet population health needs. Students complete clinical experiences in a variety of settings. Graded on S/U basis only.

Credit Hour: 1
Prerequisites: NURSE 4270 and NURSE 3470; or NURSE 3670 and NURSE 4470. Honors eligibility required

---

NURSE 4790: Community and Public Health Nursing
This undergraduate nursing course explores the theories, principles, and practices essential to promoting and maintaining health and wellness within communities and among populations. Students will gain knowledge and develop skills that will allow them to properly assess community and population health needs, develop evidence-based intervention strategies, and work in interprofessional teams. Emphasis will be placed on understanding the socio-cultural, economic, and political impact on the health of communities, as well as disparities in healthcare access and outcomes among vulnerable populations. This course prepares students for community health practice and leadership in various settings, including but not limited to schools, community-based organizations, clinics, and public health organizations. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 4770
Prerequisites: NURSE 4070, NURSE 4270, NURSE 4420 and NURSE 4470

NURSE 4790H: Community and Public Health Nursing - Honors
This undergraduate nursing course explores the theories, principles, and practices essential to promoting and maintaining health and wellness within communities and among populations. Students will gain knowledge and develop skills that will allow them to properly assess community and population health needs, develop evidence-based intervention strategies, and work in interprofessional teams. Emphasis will be placed on understanding the socio-cultural, economic, and political impact on the health of communities, as well as disparities in healthcare access and outcomes among vulnerable populations. This course prepares students for community health practice and leadership in various settings, including but not limited to schools, community-based organizations, clinics, and public health organizations. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 4770
Prerequisites: NURSE 4070, NURSE 4270, NURSE 4420 and NURSE 4470

NURSE 4790HW: Community and Public Health Nursing - Honors/ Writing Intensive
This undergraduate nursing course explores the theories, principles, and practices essential to promoting and maintaining health and wellness within communities and among populations. Students will gain knowledge and develop skills that will allow them to properly assess community and population health needs, develop evidence-based intervention strategies, and work in interprofessional teams. Emphasis will be placed on understanding the socio-cultural, economic, and political impact on the health of communities, as well as disparities in healthcare access and outcomes among vulnerable populations. This course prepares students for community health practice and leadership in various settings, including but not limited to schools, community-based organizations, clinics, and public health organizations. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 4770
Prerequisites: NURSE 4070, NURSE 4270, NURSE 4420 and NURSE 4470

NURSE 4790W: Community and Public Health Nursing - Writing Intensive
This undergraduate nursing course explores the theories, principles, and practices essential to promoting and maintaining health and wellness within communities and among populations. Students will gain knowledge and develop skills that will allow them to properly assess community and population health needs, develop evidence-based intervention strategies, and work in interprofessional teams. Emphasis will be placed on understanding the socio-cultural, economic, and political impact on the health of communities, as well as disparities in healthcare access and outcomes among vulnerable populations. This course prepares students for community health practice and leadership in various settings, including but not limited to schools, community-based organizations, clinics, and public health organizations. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 4770
Prerequisites: NURSE 4070, NURSE 4270, NURSE 4420 and NURSE 4470

NURSE 4870H: Nursing of Adults II Honors
Application of nursing process to care for adults with acute physiological health deviations. Leadership and management principles are integrated in delivering patient care. Graded on A-F basis only.

Credit Hours: 4
Prerequisites or Corequisites: NURSE 4980
Prerequisites: NURSE 3470 and NURSE 3670 and NURSE 4270 and NURSE 4470; Honors eligibility required

---

NURSE 4920: Transition to Nursing Practice
This course will prepare students in their final semester of nursing school to transition into the realities of nursing practice. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 4990

NURSE 4930: Evidence-Based Nursing Practice and Quality Improvement
Concepts of evidence-based nursing practice and quality improvement are applied to healthcare problems, emphasizing use of research findings in practice settings and proposing quality improvement practices to generate optimal person-centered outcomes. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 4950 or NURSE 4950W

NURSE 4930W: Evidence-Based Nursing Practice and Quality Improvement - Writing Intensive
Concepts of evidence-based nursing practice and quality improvementare applied to health care problems, emphasizing use of research findings in practice settings and proposing quality improvement practices to generate optimal person-centered outcomes.

Credit Hours: 4
Prerequisites: NURSE 4950

NURSE 4950: Nursing Theory and Research
Students examine the theoretical basis for nursing practice. Students also explore qualitative and quantitative research methods that can be applied to clinical nursing questions. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: STAT 1200 or ESC_PS 4170 or STAT 2500. Restricted to RN-BSN Students

---

NURSE 4950W: Nursing Theory and Research - Writing Intensive
Students examine the theoretical basis for nursing practice. Students also explore qualitative and quantitative research methods that can be applied to clinical nursing questions. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: STAT 1200 or ESC_PS 4170 or STAT 2500. Restricted to RN-BSN Students

---

NURSE 4970: Nursing in Communities
This course examines roles and functions of the nurse in the community, emphasizing application of population health concepts, design and implementation of nursing systems of care for individuals, families, and populations with specific health care requirements. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 4950. Restricted to RN-BSN Students

NURSE 4970H: Nursing in Communities - Honors
This course examines roles and functions of the nurse in the community, emphasizing application of population health concepts, design and implementation of nursing systems of care for individuals, families, and populations with specific health care requirements. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 4950. Restricted to RN-BSN Students. Honors eligibility required

---

NURSE 4970HW: Nursing in Communities - Honors/Writing Intensive
This course examines roles and functions of the nurse in the community, emphasizing application of population health concepts, design and implementation of nursing systems of care for individuals, families, and populations with specific health care requirements. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 4950. Restricted to RN-BSN Students. Honors eligibility required

---

NURSE 4970W: Nursing in Communities - Writing Intensive
This course examines roles and functions of the nurse in the community, emphasizing application of population health concepts, design and implementation of nursing systems of care for individuals, families, and populations with specific health care requirements. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 4950. Restricted to RN-BSN Students

NURSE 4980W: Nursing in Communities - Writing Intensive
This course in the BSN sequence examines roles and functions of the nurse within the community with emphasis on application of community/ public health concepts and design and implementation of nursing systems of care for individuals, families, and populations with particular self-care requisites. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 4270 and NURSE 3470; or NURSE 3670 and NURSE 4470; or NURSE 4930

NURSE 4990: Adult Nursing: Complex Health Conditions
Essential knowledge and skills are developed to care for adults with complex acute physiological health conditions. The senior practicum clinical and capstone project will be completed as part of this course. Graded on A-F basis only.

Credit Hour: 3-7
Prerequisites or Corequisites: NURSE 4790
Prerequisites: NURSE 3470, NURSE 4070, NURSE 4270, NURSE 4420 and NURSE 4470

NURSE 4990H: Adult Nursing: Complex Health Conditions
Essential knowledge and skills are developed to care for adults with complex acute physiological health conditions. The senior practicum clinical and capstone project will be completed as part of this course. Graded on A-F basis only.

Credit Hour: 3-7
Prerequisites or Corequisites: NURSE 4790
Prerequisites: NURSE 3470, NURSE 4070, NURSE 4270, NURSE 4420 and NURSE 4470. Honors eligibility required

---

NURSE 7001: Special Topics in Nursing
Specialized topics in advanced nursing not available through regularly offered courses.

Credit Hour: 1-3

NURSE 7010: Biostatistical Foundations for Health Researchers
Examines basic concepts of data management, study design, descriptive and inferential biostatistics using analytic software. Emphasizes statistical literacy and critical thinking for health researchers. Graded on A-F basis only.

Credit Hours: 3

NURSE 7050: Introduction to Scholarly Writing
This course is designed to introduce graduate students to the fundamental principles of scholarly writing and research with emphasis on developing skills necessary for writing academic papers. The course covers the basics of academic writing and nursing scholarship including topic development, clarity and tone, format and flow, literature searches, synthesis of the literature, use of appropriate sources and American Psychological Association (APA) citation practices. Graded on A-F basis only.

Credit Hours: 2

NURSE 7087: Leadership and Technology Institute
Introduction to knowledge and skills essential to support research and practice doctorates. May be repeated for credit.

Credit Hour: 1
Prerequisites: Admission to DNP or PhD program

NURSE 7100: Theoretical Basis for Advanced Nursing
Analysis, application and evaluation of a variety of nursing and non nursing theories used in advanced nursing practice and research.

Credit Hours: 3

NURSE 7101: Graduate Student Success Seminar
Designed to support students' transition into the graduate nursing program advanced nursing education, identify strategies and resources for success in Graduate School, and introduce them to the community of scholars at Sinclair School of Nursing. Graded on S/U basis only.

Credit Hours: 0
Prerequisites: Acceptance into the SSON's Master's or DNP program

---

NURSE 7102: Level II Competency Assessment
Students will practice and demonstrate advanced diagnostic, procedural and assessment skills. Graded on S/U basis only.

Credit Hours: 0
Corequisites: NURSE 7140 or NURSE 7145

NURSE 7105: Role Transitions
Seamless academic progression to support registered nurses prepared in community colleges and hospital based programs to advance their education is essential, based upon recommendations from professional nursing organizations, as well as institutions of higher learning. This course focuses on the role transitions from the associate degree level to more advanced levels of education and professional issues for which foundational knowledge of other nursing courses will build. Graded on A-F basis only .

Credit Hours: 3
Prerequisites: Graduate standing or faculty consent

NURSE 7110: Advanced Nursing Roles and Professional Communication
This course provides an overview of advanced nursing roles (Clinical Nurse Specialists, Nurse Practitioners [MS and DNP prepared], Executives, Educators, and Nurse Researchers [PhD]) and professional issues for which foundational knowledge of other advanced nursing courses will be built. Graded on A-F basis only.

Credit Hours: 2
Prerequisites: Admission to the graduate program or faculty consent

NURSE 7120: Advanced Physiology and Pathophysiology
Focuses on the normal and altered physiological functioning of body systems. Provides essential knowledge of human health and disease across the lifespan necessary for advanced nursing practice.

Credit Hours: 3
Prerequisites: BSN or instructor consent

NURSE 7130: Advanced Pharmacology and Pharmacotherapeutics
This advanced pharmacology course provides an in-depth understanding of drug therapy management for health maintenance and treatment of acute episodic and chronic health problems in various populations over the lifespan.

Credit Hours: 3
Prerequisites: BSN or instructor's consent

NURSE 7140: Advanced Health Assessment and Promotion
Expands history and physical assessment techniques across lifespan. Addresses diagnostic reasoning; differential diagnosis; and selection of common diagnostic tests, disease risk factors, and health promotion strategies.

Credit Hours: 3.5
Prerequisites or Corequisites: NURSE 7130
Prerequisites: NURSE 7120

NURSE 7145: Procedures and Diagnostics
Introduces advanced assessment, diagnostic, and procedural skills, utilizing the latest technology in a cost-effective and patient-centered manner. The clinical component provides an opportunity for students to apply knowledge and skills in Urgent and Emergent care settings as well as approved specialty areas. Pediatric, Adult and Geriatric populations are covered in each lesson. Graded on A-F basis only.

Credit Hours: 3.5
Prerequisites or Corequisites: NURSE 7140
Prerequisites: NURSE 7120 and NURSE 7130

NURSE 7150: Research Basis for Advanced Nursing
Examines fundamentals of scientific inquiry. Addresses research design issues. Focuses on interpreting, critiquing, and synthesizing research findings.

Credit Hours: 3
Prerequisites: NURSE 7100

NURSE 7160: Scientific Foundations for Health Sciences
Students examine integrity in scientific research; scientific inquiry fundamentals; research design issues; theory analysis, application, and evaluation; data analyses for research designs; and critical evaluation of research findings in health sciences. Graded on A-F basis only.

Credit Hours: 4

NURSE 7500: Foundations of Care Management: Professional, Legal, Financial, and Business
This course will introduce students to the interdisciplinary care management role. Topics covered include practice settings and models of care as well as professional, legal, financial, and leadership responsibilities within the context of the current U.S. health system. Graded on A-F basis only.

Credit Hours: 3

NURSE 7510: Pharmacology, Pathophysiology, & Physical Assessment for Care Managers
This course develops student's knowledge of common acute and chronic health conditions. Topics include normal and altered physiological functioning, physical assessment, and therapeutic interventions. Students gain an understanding of human health and disease across the lifespan, which can be applied to care management practice. Graded on A-F basis only.

Credit Hours: 3

NURSE 7750: Functional Dimensions of Aging
(same as ARCHST 7640, F_C_MD 7750, H_D_FS 7750, SOC_WK 7752, BBME 7750). This online course provides a variety of learning activities to facilitate understanding and appreciation of physical, psychosocial, and economic challenges older adults may experience. Content will include determinants of and approaches to quality of life and successful aging. Graded on A-F basis only.

Credit Hours: 3

NURSE 7751: Psychosocial Function and Older Adults
(same as F_C_MD 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.

Credit Hours: 3

NURSE 8001: Topics in Advanced Clinical Nursing
Specialized topics in advanced clinical nursing not available through regularly offered courses.

Credit Hours: 3

NURSE 8002: Research Topics in Nursing and Health
Topics courses are intended for special offerings, or as opportunities to experiment with a new course prior to seeking approval for it as a regular course. Graded on A-F basis only.

Credit Hours: 3

NURSE 8010: Family Dynamics and Intervention
(same as H_D_FS 8012). The course will examine theories of family function and dysfunction, techniques of assessment, and models of family intervention. Graded on A-F basis only.

Credit Hours: 2
Prerequisites: Admission to the graduate program or faculty consent

NURSE 8020: Intermediate Statistical Methods for Health Researchers
Examination of generalized linear models, multiple logistic regression, and multilevel modeling as applied to health sciences research.

Credit Hours: 3
Prerequisites: NURSE 7010 or equivalent

NURSE 8030: Interpreting Statistical Evidence in the Health Sciences
Students learn to critically evaluate statistical designs and data analysis methods used in health sciences research and scientific evidence for health care decision making. May be repeated for credit.

Credit Hours: 3
Prerequisites: Graduate level statistics course

NURSE 8085: Problems in Nursing
Guided readings, special study and/or a practicum in an area of the student's interest or in an area which the student needs to strengthen. Selected sections of the course may be offered on A-F or S/U basis only.

Credit Hour: 1-4
Prerequisites: instructor's consent

NURSE 8089: Transition to APRN Practice
The Transition to APRN Practice Course is designed to provide additional guidance, support, and reinforcement of knowledge for new APRNs as they transition into the practice setting. Case conferences, webinars, and speakers will be utilized to address a variety of topics of interest to the practitioner. Graded on S/U basis only.

Credit Hour: 1
Prerequisites: Initial DNP course or MSN APRN completion or final semester for MS PMHNP emphasis or instructor consent required

NURSE 8090: Research in Nursing
Original investigation for presentation as thesis or dissertation. Graded on S/U basis only.

Credit Hour: 1-99
Prerequisites: graduate statistics, instructor's consent

NURSE 8100: Principles of Epidemiology
Explores key concepts of epidemiology and epidemiologic methods for studying the distribution and determinants of health and disease in populations. Application to public health and population-based practice addressed.

Credit Hours: 3
Prerequisites: NURSE 7160 or faculty consent

NURSE 8150: Interprofessional Practice: Transforming Healthcare
This course provides an introduction to interprofessional care management theories and models within the health professions. Differences and similarities of the specific elements that comprise various models of care management will be explored. Core competencies of interprofessional collaborative practice will be examined with specific

emphasis placed on developing a wraparound service model that uses an interprofessional team approach. Graded on A-F basis only.

Credit Hours: 3

NURSE 8160: Evidence Based Care Management Practice for Individuals and Populations
This course builds upon fundamentals of interdisciplinary care management. Evidence based practice concepts are explored including distinguishing relevant resources and critiquing specific evidence related to care management. Tools, assessments, and techniques used in the management of complex patients with physical and mental health needs will be examined. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 7500 and NURSE 7510

NURSE 8170: Public Health, Sociocultural Issues, and Health Policy
Explores concepts of public health, social determinants of health, and health policy interventions. This course evaluates the role of the advanced practice nurse in the development, implementation, advocacy for and administration of programs and policies designed to meet the health needs of the public. Graded on A-F basis only.

Credit Hours: 3

NURSE 8210: Special Health Care Needs of Children
This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology, advanced physical assessment, and primary care management of newborns through adolescence to prepare students to assume roles in advanced nursing care of infants, children, and adolescents. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply previous strategies to the diagnosis and holistic management of common acute, chronic, and mental health problems in this population. Graded on A-F basis only.

Credit Hour: 3.5-5
Prerequisites: NURSE 7120, NURSE 7130, NURSE 7140, NURSE 7145 and NURSE 8420 or Instructor's consent required

---

NURSE 8300: Public Health and Sociocultural Issues
Explores concepts of public health with a focus on the advanced practice nurse in population-based/primary care practice; core public health functions will be addressed at three service levels--the aggregate, the family, and the individual.

Credit Hours: 3
Prerequisites: NURSE 7100

NURSE 8310: Health Disparities of Rural and Other Underserved Populations
In-depth examination of rural and other vulnerable populations and their interactions with the health care system, including access, utilization, and outcomes. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 8170 or Faculty consent required

NURSE 8400: Adult and Geriatric Primary Care I
Advanced practice nursing clinical diagnosis and management of acute and chronic cardiovascular, respiratory, HEENT, respiratory, cardiovascular, renal, urinary, metabolic, musculoskeletal, and neurologic problems in adults, older adults, and their families. Graded on A-F basis only.

Credit Hours: 3.5
Prerequisites: NURSE 7120 and NURSE 7130 and NURSE 7140 and NURSE 7145

NURSE 8410: Adult and Geriatric Primary Care II
Advanced practice nursing clinical diagnosis and management of acute and chronic gastrointestinal, common mental health and substance abuse, travel health, bioterrorism, endocrine, dermatologic, neurologic, cardiovascular, hematologic, neuropsychological problems, bioterrorism, and CAM issues, palliative care, eye disorders, HIV, and primary care first aid in adults, older adults and their families. Graded on A-F basis only.

Credit Hour: 3.5-5
Prerequisites: NURSE 8400

NURSE 8420: Newborn Through Adolescence Primary Care
The focus is on infant-child health maintenance/promotion and advanced nursing management of common childhood illnesses/injuries and behavioral and developmental issues. Provides advanced knowledge of human growth and development, family dynamics, evidence-based practices, community resources, and collaborative relationships.

Credit Hour: 3.5-5
Prerequisites: NURSE 7120 and NURSE 7130 and NURSE 7140 and NURSE 7145

NURSE 8425: Participatory Approaches for Health and Health Systems
(same as F_C_MD 8425). Focuses on the use of participatory approaches for the design of health and health-system interventions. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 8100 or F_C_MD 8420 or instructor consent

NURSE 8430: Reproductive and Sexual Health Primary Care
This course focuses on evidence-based practice standards that are relevant to the assessment, management, and health promotion of women across the lifespan. This class has a special interest in reproductive and sexual health issues of both females and males. Students will be exposed to assessment and management skills in the area of women/men reproductive and sexual health and be expected to apply these skills in the clinical practice component of the class. Graded on A-F basis only.

Credit Hours: 3.5
Prerequisites: NURSE 7120 & NURSE 7130 & NURSE 7140 & NURSE 7145

NURSE 8540: Advanced Diagnostics and Reasoning I
Expands upon knowledge of advanced assessment , diagnostic, and procedural skills; utilizes current technology in a cost-effective and patient-centered manner. Clinical increases specialty-specific knowledge. May be repeated for credit.

Credit Hour: 3.5-5
Prerequisites: 4th clinical specialty course

NURSE 8545: Advanced Diagnostics and Reasoning II
Expands upon initial advanced assessment, diagnostic, and procedural skills; utilizes the latest technology in a cost-effective and patient-centered manner. Clinical component allows for increasing specialty-specific knowledge to provide appropriate evidence-based management of pediatric, adult and geriatric populations. Population focus will be discipline specific. Graded on A-F basis only.

Credit Hour: 3.5-5
Prerequisites: NURSE 8540

NURSE 8610: Diagnostics and Psychopharmacology for Mental Health Nurses
Emphasis is on the neurobiologic basis and diagnosis of mental health problems and advanced nursing management of psychiatric conditions using pharmaceutical agents.

Credit Hours: 4
Prerequisites: NURSE 7120, NURSE 7130 and NURSE 7140

NURSE 8620: Brief Individual and Family Psychotherapy
Application of nursing, psychosocial, and family theories in advanced nursing assessment and management of individuals and families experiencing a variety of problems. Emphasis is on designing, implementing, and evaluating brief psychotherapy for individuals and families. Graded on A-F basis only.

Credit Hours: 4
Prerequisites: NURSE 8610

NURSE 8630: Geriatric Mental Health Assessment and Treatment
Emphasis on advanced skills in psychiatric assessment and follow-up evaluation of mental health problems in the geriatric population. Explores diagnosis, treatment, and management of geriatric mental health disorders. Graded on A-F basis only.

Credit Hour: 1.5-2.5
Prerequisites or Corequisites: NURSE 8610

NURSE 8635: Assessment and Treatment of Substance Abuse Disorders
Emphasis on advanced skills in psychiatric assessment and follow-up evaluation of persons with substance use disorders. Explores diagnosis, treatment, and management of substance use disorders. Graded on A-F basis only.

Credit Hour: 1.5-2.5
Prerequisites or Corequisites: NURSE 8610

NURSE 8640: Group Therapy and Social Skills Training
Application of group and behavioral methods in mental health prevention, promotion, maintenance, and restoration. Designing, implementing, and evaluating mental health promotion groups and social skills training programs. Graded on A-F basis only.

Credit Hour: 3-4
Prerequisites: NURSE 8610

NURSE 8680: Pediatric Mental Health Assessment and Treatment
Develops advanced skills in psychiatric assessment and follow-up evaluation of children and adolescents experiencing mental health problems. Explores diagnosis, treatment, and management of child and adolescent mental health disorders. Graded on A-F basis only.

Credit Hours: 3.5
Prerequisites: NURSE 8610

NURSE 8710: Clinical Management of Acute and Critical Care Problems
This course provides advanced exploration of acute and critical healthcare, focusing on assessment, diagnosis, and evidence-based management across the lifespan. Emphasizing clinical reasoning, this course includes patient safety, ethical decision-making, and communication for leaders in demanding healthcare settings. This course includes an integrated clinical practicum with selected population and setting.

Credit Hour: 2-5
Prerequisites: NURSE 7120, NURSE 7130, NURSE 7140

NURSE 8720: Symptom Management in Acute and Chronic Illness
This course provides advanced exploration into clinical management of symptoms in the acute and chronic patient population across the lifespan to include teaching patient self-management strategies within an integrated clinical practicum.

Credit Hour: 3-5
Prerequisites: NURSE 7120, NURSE 7130, NURSE 7140, NURSE 7160

NURSE 8820: Health Care Financial Management
This course prepares nurses to use techniques that facilitate financial analysis and decision-making for patient care programs across the healthcare continuum. It focuses on efficient and effective resource management for the delivery of quality healthcare services. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Admission to the graduate program or faculty consent

NURSE 8830: Informatics Applications and Innovations in Health Care Systems
This course explores informatics from the perspective of health related fields through technology assessment and evaluation, and research and development in technological innovations. The impact of technology on patient privacy will also be examined. Graded on A-F basis only.

Credit Hours: 3

NURSE 8840: Nursing Leadership, Innovation, and Entrepreneurship
This course will provide an overview of leadership theories and strategies for managing individuals, groups, or systems within rapidly changing healthcare environments. Innovative and cutting edge phenomena in healthcare will be explored as well as entrepreneurship. May be repeated for credit. Graded on A-F basis only.

Credit Hours: 3

NURSE 8844: Leadership in Nursing and Healthcare Settings
This course will provide an overview of leadership theories and strategies for managing individuals, groups, or systems within rapidly changing environments. Graded on A-F basis only.

Credit Hours: 2
Prerequisites: NURSE 7160 or NURSE 9120 or faculty consent required

NURSE 8845: Nursing Innovation and Entrepreneurship
This course will provide an overview of innovation and entrepreneurial strategies for healthcare environments. It will explore innovative and cutting-edge phenomena in healthcare and entrepreneurship. Graded on A-F basis only.

Credit Hours: 2
Prerequisites: NURSE 8840 or faculty consent required

NURSE 8854: Teaching Strategies in Nursing and Healthcare
Examines principles, issues, techniques, and instructional methods in teaching healthcare providers. Focuses on the development of a variety of teaching strategies for the didactic, clinical, and online settings. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 7110 and NURSE 7160 or faculty consent required

NURSE 8860: Organizations and Human Resource Management in Nursing
This course will examine various organizational theories, organizational behavior, and the impact of change within organizations. Participants will apply and analyze workforce management principles regarding employee rights, resources, and responsibilities. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: MSN or DNP Program enrollment or faculty consent

NURSE 8864: Curriculum Development in Nursing
Examines theoretical foundations, principles, and issues in curriculum design. Explores systematic evaluation of curriculum at all levels. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 7160 and NURSE 7110, or instructor consent required

NURSE 8874: Evaluation Strategies in Nursing and Healthcare
Examines principles, issues, and techniques of evaluation strategies in teaching healthcare content. Focuses on the development of a variety of evaluation methods for didactic and clinical settings. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 7160 and NURSE 7110; or instructor consent required

NURSE 8890: Clinical/Scholarly Project
Design, implement and evaluate nursing projects derived from theory, including written report with explanation or justification to support the

empirical and/or theoretical basis for the project. Graded on a S/U basis only.

Credit Hour: 1-3
Prerequisites: NURSE 7160

NURSE 8900: Research Practicum in Nursing
Selected independent research activities in conjunction with ongoing research programs of faculty. Specific to BSN-PhD students. Graded on S/U basis only.

Credit Hours: 3
Prerequisites: NURSE 7160 or equivalent, graduate statistics, instructor's consent required

---

NURSE 8910: Translational Evidence-Based Nursing Practice
This course provides essential skills for utilizing research to support practice change: assessing practice-based problems, analyzing current evidence, proposing practice changes, and developing plans for implementing evidence-based practice concepts. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 7160 or faculty consent required

NURSE 8920: Quality, Safety, and Performance Outcomes
This course leverages information systems to identify and analyze patient safety and other clinical issues. It then recommends system-wide actions and measurement plans to achieve outcomes that are safe, effective, efficient, equitable, and patient-centered.

Credit Hours: 3
Prerequisites: NURSE 8910

NURSE 8930: Health Program Design and Management
Designing, implementing and evaluating effective health programs. Addresses leadership and organizational change issues.

Credit Hours: 3
Prerequisites: NURSE 8920 or instructor's consent

NURSE 8940: Nursing and Health Policy
Designed to explore and critically evaluate the role of nursing and nurse leaders/scholars in health policy development and the organization and financing of health care in response to the health and social needs of the public.

Credit Hours: 3

NURSE 8950: Teaching Nursing Practicum
Participation in the application of principles and methods of teaching, learning, and evaluation to the education of nursing students. Graded on S/U basis only.

Credit Hours: 4
Prerequisites: NURSE 8854, NURSE 8864 and NURSE 8874

NURSE 8954: Distance-Mediated Teaching Nursing Practicum
Faculty-guided application of distance-mediated teaching, learning, and evaluation methods with graduate &/or undergraduate nursing students. Graded on S/U basis only.

Credit Hours: 4
Prerequisites: Two courses from NURSE 8854, NURSE 8864, or NURSE 8874 or equivalents (note - NFLP students with MS in nursing education are required to have one pre-requisite)

NURSE 8955: Care Management Role-Focused Practicum
Care management will be delivered in the student's setting and population of interest with an approved preceptor. Students will have the opportunity to operationalize content from prerequisite courses related to care management practice. Graded on S/U basis only.

Credit Hours: 3
Prerequisites: NURSE 7500, NURSE 7510, NURSE 8150 and NURSE 8160

NURSE 8960: Leadership in Nursing and Healthcare Systems Practicum
Participation in application of principles and methods of leadership, management, and evaluation to facilitate patient care operations in various settings. Graded on an S/U basis only.

Credit Hours: 5
Prerequisites: NURSE 8820, NURSE 8860

NURSE 8980: Advanced Clinical Nursing Practicum
Intensive preceptor or faculty-guided clinical experience that synthesizes previous theory and clinical coursework. Prepares experts in advanced practice nursing and leadership to effectively evaluate practice problems, translate evidence into practice, monitor outcomes, and implement innovative models of care. Refines knowledge and skills required to transition to an autonomous advanced nursing practice role. Graded on S/U basis only.

Credit Hour: 1-5
Prerequisites: Completion of all clinical specialty courses

NURSE 8990: Practice Inquiry
In this course, students will demonstrate a culmination of knowledge and skills learned throughout the MS program. Students must successfully complete a critical review of the literature in an integrative review format on a healthcare topic of their choice related to their area of study. The MS Examination is the final course product comprised of the comprehensive oral presentation that assists in evaluating the paper process and students meeting program outcomes. Graded on S/U basis only.

Credit Hour: 1-3
Prerequisites: Course must be completed in last semester of coursework

---

NURSE 9020: Hierarchical Linear Models for Health Researchers
Introduction to the use of hierarchical or multilevel models which take into account dependencies between observations. Content will cover basic concepts, theory, and application of hierarchical linear models. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 8020 or instructor consent

NURSE 9070: DNP Clinical Residency
Intensive clinical experience. Prepares experts in advanced nursing practice and leadership to effectively evaluate practice problems, translate evidence into practice, monitor outcomes, and implement innovative models of care. Graded on S/U basis only.

Credit Hour: 1-5
Prerequisites: NURSE 8930 and NURSE 8540 or NURSE 8610

NURSE 9080: DNP Residency Project
The DNP Project Residency course provides an immersive, hands-on experience that focuses on a quality improvement project that impacts healthcare outcomes through direct or indirect care. Students identify a clinical problem, develop and implement an evidence-based intervention, and evaluate outcomes, honing skills in project design, data collection, and analysis, and evaluation. Through collaboration with healthcare teams, students enhance their leadership and communication abilities. The course culminates in a formal project defense, showcasing the intervention's impact on clinical practice and potential for quality improvement, resulting in a scholarly product that meets DNP program standards and advances healthcare practice and patient care outcomes. Graded on S/U basis only.

Credit Hour: 1-3
Prerequisites or Corequisites: NURSE 8930

NURSE 9087: Leadership and Transformational Role Institute
Prepares the DNP graduate to impact change with individuals, populations, and systems. Building on the knowledge and skills from previous courses in the DNP program, this course prepares the BSN for entry-level advanced nursing practice and the MSN to expand current practice. The primary focus of the course is on leading and communicating change, creating innovations in healthcare delivery, affecting policy and economics, and producing scholarly work. The DNP project results are disseminated as an example of the successful completion of the scholarly work. Finally, career planning, including preparation for a certification exam and competency in advanced practice nursing skills, are addressed. Graded on A-F basis only.

Credit Hours: 2
Prerequisites or Corequisites: NURSE 9080 and NURSE 9070

NURSE 9090: Research in Nursing and Health
Original research leading to dissertation. Graded on S/U basis only.

Credit Hour: 1-12
Prerequisites: Instructor's consent

NURSE 9100: State of the Science
This course is a guided, in-depth exploration of the scientific literature on a selected area in the health sciences. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Admission to a doctoral program; NURSE 8900 or equivalent, or Instructor's consent required

---

NURSE 9120: Philosophical and Theoretical Basis for Research
Based on an understanding of the philosophy of science, critically appraise and adapt theories, theoretical frameworks, and conceptual models for use in nursing and health research. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 7160 or faculty consent required

---

NURSE 9131: Responsible Conduct of Research in the Health, Social and Biomedical Sciences
This course examines scientific research ethics and the responsible conduct of research from an interdisciplinary perspective, encompassing health, social, and biomedical sciences. This course includes NIH-mandated synchronous learning sessions to ensure comprehensive training in ethical research practices. Graded on S/U basis only.

Credit Hours: 3

NURSE 9132: Writing Research Grants: Skill Building
Teaches the components of writing a research grant for external federal funding. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 9120, graduate research methods course, or instructor's consent required

NURSE 9230: Foundations of Informatics & Data Science for Health Researchers
This course introduces researchers to the foundations of health informatics as a discipline and concepts of data science as a distinct methodological area that can support informatics research. An overview of informatics domains, methods, applications, implications, and ethical considerations will be covered to ground health research in informatics best practices. In addition, an overview of data science concepts and methods will be presented to facilitate collaboration with data scientists and recognize where data science methods can support health domain expertise in research projects. The core focus of the course is to enable interdisciplinary knowledge, communication, and collaboration to advance health research using informatics and novel data sources. Programming and technical expertise are not required. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Completion of a graduate level statistics course

NURSE 9410: Quantitative Research Designs and Methods
This course focuses on experimental and non-experimental quantitative research designs, methods, and analyses used in health research. The merits of various types of quantitative research designs and the sampling methods and data analysis issues specific to those study designs are reviewed. Use of secondary databases will be explored. It is assumed that students have begun to articulate an area of research focus problem and have a working knowledge of the research literature in their area. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 9100, NURSE 9131, Intermediate Statistics or instructor's consent required

NURSE 9420: Qualitative Research Design and Methods
This course provides an overview of selected qualitative research designs and methods as applied to nursing and health. Through a combination of theoretical discussions, practical exercises, and case studies, students will gain an understanding of the principles, techniques, and ethical considerations involved in conducting qualitative research. Throughout this course we will evaluate the implications of qualitative research designs and methods when considering whose voice is present, whose voice is missing, and whose voices should be included. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 9100, NURSE 9131, or instructor's consent required

NURSE 9450: Social Determinants of Health
This course provides an overview to conducting research using a social determinants of health framework. This course examines social factors that are key determinants of health and health equity. Students will explore theoretical foundations underlying the relationships between social factors and health equity. Research tools, interventions, strategies, outcomes and health policies will be investigated. The course will provide a foundation for designing and conducting future research that incorporates a social determinants of health and health equity lens. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 9131 or instructor's consent required

NURSE 9460: Theories and Interventions in Health Behavior Science
Focuses on health behavior science theories, linking theories to measurement, and designing health behavior interventions. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 9100, NURSE 9120 or faculty consent

NURSE 9470: Technology Evaluation in Health Care Systems Research
(same as BBME 9440). Examines technology applications and evaluation methods used to determine outcomes, efficiencies, effectiveness, satisfaction, and cost of using technology. Prerequisites: 6 credit hours of graduate statistics;

Credit Hours: 3
Prerequisites or Corequisites: NURSE 9410 or faculty consent

NURSE 9500: Career Transition Strategies for PhD Students
This course assists PhD students in transitioning to post-graduation careers. It covers nursing and health-related career options, preparation of employment application materials, and communication of the broader impacts of research. Students will also develop a 5-year career vision and a legacy map for professional and personal growth. Graded on A-F basis only.

Credit Hour: 1
Prerequisites: Doctoral candidacy or instructor's consent required

NURSE 9540: Seminar in Nursing
Course content varies. May be repeated to a maximum of six hours.

Credit Hour: 1-99

NURSE 9550: Meta-Analysis Research
(same as H_D_FS 9550). Examines quantitative synthesis including research questions, search strategies, coding issues, meta-analysis statistical procedures, and interpretation of findings. Emphasizes conceptual understanding and practical methods.

Credit Hours: 3
Prerequisites: 6 credit hours of graduate statistics courses, NURSE 9410 or graduate level quantitative methods course

---

NURSE 9560: Qualitative Meta-Synthesis
Examine and carry out elements of qualitative meta-synthesis: topic/problem identification, data collection, and analysis. Understand how to limit threats to validity and maximize generalizability. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 9420 or equivalent

NURSE 9570: Introduction to Implementation Science Tools and Methods
Implementation science is a systematic approach to understanding how evidence-based practices are adopted and integrated in diverse practice settings and emphasizes engagement with institutions and communities where health interventions take place. The course covers systematic approaches developed through implementation science and applies these approaches to implementation practice in health settings to explore the intersections between implementation practice and quality improvement. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Graduate statistics and graduate research methods or instructor consent

---

NURSE 9710: Advanced Research Practicum and Role Exploration
Mentored experience to enhance research and scholarly dissemination skills. Students will also develop knowledge related to research roles. Practicum activities are designed by the student, mentor, and PhD Program Committee based on student's research focus interest area, planned program of study and potential future role(s). Graded on S/U basis only.

Credit Hour: 1-6
Prerequisites or Corequisites: Graduate level statistics, NURSE 9131; advisor consent

---