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 2000: Nursing as a Profession
Introduces the structure of nursing knowledge and explores professional nursing role characteristics from historical, ethical, legal, economic, professional, occupational, and social perspectives. Examines nursing as subsystem of the health care system.

**Credit Hours:** 3

**Prerequisites:** sophomore standing. Restricted to pre-nursing majors with a GPA of 2.8 or higher

NURSE 2000H: Nursing as a Profession
Introduces the structure of nursing knowledge and explores professional nursing role characteristics from historical, ethical, legal, economic, professional, occupational, and social perspectives. Examines nursing as subsystem of the health care system. Graded on A-F basis only.

**Credit Hours:** 3

**Prerequisites:** Sophomore standing with undergraduate GPA of 2.8 or higher; honors eligibility required

NURSE 2100: Communication Issues in Nursing
In this course students develop their interpersonal communication skills and cultural competency in health care. Topics include social determinants of health, biases in the healthcare setting, diversity issues in health care, health literacy and health disparities. Students will learn evidence-based communication techniques.

**Credit Hours:** 2

**Prerequisites:** Sophomore Standing. Restricted to pre-nursing majors only

NURSE 2100H: Psychosocial and Communication Issues in Nursing - Honors
Reviews psychosocial and communication issues. Focuses on improving interpersonal communication skills and learning how to provide therapeutic interventions to people with selected mental health issues. An experiential model emphasizes personal skill development strategies.

**Credit Hour:** 2-3

**Prerequisites:** Sophomore Standing. Restricted to pre-nursing majors only. Honors eligibility required

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 3006: Cultural Expeditions in Nursing
Directed field experiences in varied settings exploring local customs and cultural/ethnic diversities influencing health care delivery. Graded on S/U basis only.

**Credit Hours:** 3

**Prerequisites:** Consent of Instructor required

NURSE 3080: Communication and Computer Skills
Introduces RN students to MU and MU Sinclair School of Nursing. Provides education in essential competencies needed for success in the RN-BSN Option including writing skills, computer literacy, library and Internet research.

**Credit Hours:** 2

**Prerequisites:** clinical major

NURSE 3080W: Communication and Computer Skills
Introduces RN students to MU and MU Sinclair School of Nursing. Provides education in essential competencies needed for success in the RN-BSN Option including writing skills, computer literacy, library and Internet research.

**Credit Hours:** 2

**Prerequisites:** clinical major

NURSE 3100: Pharmacology for Nursing
This course will focus on pharmacological classification and the nurse's role in medication administration and patient education. Medication issues with special populations will be addressed. Graded on A-F basis only.

**Credit Hours:** 3

**Prerequisites:** PTH_AS 2201 and PTH_AS 2203 and MPP 3202

NURSE 3170: Nursing Skills, Technologies, and Simulation
Provides laboratory experiences for fundamental to complex nursing skills and procedures. Focuses on application of therapeutic interventions and procedure to provide safe, patient-centered care.

**Credit Hours:** 4

**Recommended:** NURSE 3270

NURSE 3180: Role Transitions
Explores returning-to-school issues important to adult learners. Links previous basic nursing courses with baccalaureate courses and begins building new knowledge on prior nursing education.

**Credit Hours:** 3

**Prerequisites or Corequisites:** NURSE 3080

NURSE 3200: Pathophysiology
Focus is on commonly occurring alterations in health across the life span. Developmental concepts, diagnostics, and treatment modalities are integrated throughout course content. Enrollment requires admission to the clinical nursing major BSN option.

**Credit Hours:** 4

**Prerequisites:** MPP 3202 or equivalent course and PTH_AS 2201 and PTH_AS 2203 or equivalent courses

**Corequisites:** MICROB 2800 or MICROB 3200
NURSE 3260: Pathophysiology
Focus is on commonly occurring alterations in health across the life span. Developmental concepts, diagnostics, and treatment modalities are integrated throughout course content. Course is designed for students applying to the accelerated BSN option.

Credit Hours: 3
Prerequisites or Corequisites: MICROB 2800 or MICROB 3200
Prerequisites: MPP 3202; PTH_AS 2201 and PTH_AS 2203

NURSE 3270: Foundations of Nursing: Physical Assessment and the Nursing Process
NURSE 3270 provides knowledge and skills in physical assessment and the application of the Nursing Process. Clinical application of foundational knowledge determines the health status of individuals.

Credit Hours: 5
Prerequisites or Corequisites: For Clinical BSN, students must have completed NURSE 2000 and NURSE 2100 and be concurrently enrolled in NURSE 3170. NURSE 3200; for Clinical BSN Accelerated students must have completed NURSE 3200 or NURSE 3260 and be concurrently enrolled NURSE 3170 and NURSE 3100 or NURSE 3300

NURSE 3300: Pharmacology and Nursing Implications
This course will focus on pharmacological classifications and the nurse's role in medication administration and patient education. Medication issues with special populations will be addressed. Graded on a A-F basis only.

Credit Hours: 4
Recommended: PTH_AS 2201 and PTH_AS 2203 and MPP 3202

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 3470: Mental Health Nursing
Students discover behavioral, social, interpersonal, and neuro-biological 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.

Credit Hours: 5
Prerequisites: NURSE 3270

NURSE 3670: Nursing of Adults I
Application of the nursing process to deliver care for hospitalized adults with health deviations. Evidence, technologies, professional standards and collaboration are used to enhance patient-centered, safe and effective care.

Credit Hours: 6
Prerequisites: NURSE 3170, NURSE 3270, NURSE 3100 or NURSE 3300, NURSE 3200 or NURSE 3260
Corequisites: NURSE 3900

NURSE 3750: Nursing of the Childbearing Family
This course provides learning experiences with childbearing families. Students apply the nursing process to promote health and well-being for the childbearing family. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 3260 or NURSE 3200, and NURSE 3270, NURSE 3100, admission to accelerated BSN option

NURSE 3760: Pediatric Nursing
Provides learning experiences with children and their families from newborn to adolescents. Examines health alterations that interfere with self-care in and for children.

Credit Hours: 3
Prerequisites: NURSE 3270

NURSE 3770: 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: NURSE 3270
Corequisites: NURSE 3300 or NURSE 3100 or equivalent

NURSE 3790: Introduction to Nursing Science
Introduces nursing as a science from the perspective of knowledge development. Structures nursing knowledge from a theoretical perspective. Presents nursing research as a method of knowledge development and validation.

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

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.

Credit Hours: 3
Prerequisites or Corequisites: NURSE 3270 or NURSE 3080

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.

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

NURSE 4201: Legal Concepts in Nursing
This course examines fundamental legal guidelines for professional nursing practice using content gleaned from nursing and medicine. The student will analyze and apply legal principles pertaining to nursing practice. Enrollment requires a prerequisite of a medical ethics,
NURSE 4270: Nursing of Children
Nursing of children with acute and chronic health and developmental deviations. Self-care and dependent care abilities are emphasized. Content includes health promotion for infants, children and adolescents.
Credit Hours: 5
Prerequisites: NURSE 3470, NURSE 3670

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: 2
Prerequisites or Corequisites: NURSE 3670 or NURSE 3180

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: 4
Prerequisites: NURSE 4950

NURSE 4400: Nursing Leadership and Management
Examines leadership, management, and organizational theories in relation to resource management and effective delivery of nursing to sets of clients. Analyzes societal and political issues and trends related to nursing and contemporary health care. Graded on A-F basis only.
Credit Hours: 2
Prerequisites or Corequisites: NURSE 3180
Prerequisites: NURSE 3080, NURSE 3180, or NURSE 3670

NURSE 4470: Nursing of Women and Newborns
This course examines newborn care, women's reproductive and post reproductive health, and health deviation concerns of women and newborns. This course emphasizes development, implementation, and evaluation of nursing systems for families and their members.
Credit Hours: 5
Prerequisites: NURSE 3170, NURSE 3270, NURSE 3300, NURSE 3200, NURSE 3900, NURSE 3670, and NURSE 3470

NURSE 4600: Women's Health
A survey of international and domestic women's health issues; considers historical antecedents and specific effects of socio-cultural variables and economic development on women's health in developing and developed nations.
Credit Hours: 3

NURSE 4870: Nursing of Adults II
Application of nursing process to care for adults with acute physiological health deviations. Leadership and management principles are integrated in delivering care for sets of clients.
Credit Hours: 4-7
Prerequisites or Corequisites: NURSE 4970
Prerequisites: NURSE 3470, NURSE 3670, NURSE 3750 or 4470, and NURSE 3760 or NURSE 4270

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 4970
Prerequisites: NURSE 3470, NURSE 3670, NURSE 3750 or 4470, and NURSE 3760 or NURSE 4270; Honors eligibility required

NURSE 4930: Evidence-Based Nursing Practice
Concepts of evidence-based nursing practice are applied to clinical nursing questions, emphasizing use of research findings in practice settings to generate best nursing practices and optimal patient care outcomes.
Credit Hours: 5
Prerequisites: NURSE 4950

NURSE 4930W: Evidence-Based Nursing Practice - Writing Intensive
Concepts of evidence-based nursing practice are applied to clinical nursing questions, emphasizing use of research findings in practice settings to generate best nursing practices and optimal patient care outcomes.
Credit Hours: 5
Prerequisites: NURSE 4950

NURSE 4950: Nursing Theory and Research
Addresses nursing research as means of acquiring and refining knowledge. Research utilization to impact nursing addressed. Examines development and utilization of nursing theory, primarily Self-Care Deficit Nursing Theory.
Credit Hours: 3
Prerequisites or Corequisites: NURSE 3080

NURSE 4950W: Nursing Theory and Research - Writing Intensive
Addresses nursing research as means of acquiring and refining knowledge. Research utilization to impact nursing addressed. Examines development and utilization of nursing theory, primarily Self-Care Deficit Nursing Theory.
Credit Hours: 3
Prerequisites or Corequisites: NURSE 3080

NURSE 4970: Nursing in Communities
Examines roles and functions of nurses within community with emphasis on application of community/public health concepts and design and implementation of nursing systems of care for individuals, families, and populations.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURSE 4970W</td>
<td>Nursing in Communities - Writing Intensive</td>
<td>Examines roles and functions of nurses within community with emphasis on application of community/public health concepts and design and implementation of nursing systems of care for individuals, families, and populations.</td>
<td>4-5</td>
<td>NURSE 4270 and NURSE 3470; or NURSE 3760 or NURSE 4930</td>
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<tr>
<td>NURSE 7001</td>
<td>Special Topics in Nursing</td>
<td>Specialized topics in advanced nursing not available through regularly offered courses.</td>
<td>1-3</td>
<td>NURSE 4270 and NURSE 3470; or NURSE 3760 or NURSE 4930</td>
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<tr>
<td>NURSE 7010</td>
<td>Biostatistical Foundations for Health Researchers</td>
<td>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.</td>
<td>3</td>
<td>NURSE 4270 and NURSE 3470; or NURSE 3760 or NURSE 4930</td>
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<tr>
<td>NURSE 7085</td>
<td>Problems in Nursing</td>
<td>Guided readings, special study, and/or a practicum in an area of the student's interest or an area which the student needs to strengthen.</td>
<td>1-3</td>
<td>Instructor's consent</td>
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<tr>
<td>NURSE 7087</td>
<td>Leadership and Technology Institute</td>
<td>Introduction to knowledge and skills essential to support research and practice doctorates. May be repeated for credit.</td>
<td>1</td>
<td>Admission to DNP or PhD program</td>
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<tr>
<td>NURSE 7100</td>
<td>Theoretical Basis for Advanced Nursing</td>
<td>Analysis, application and evaluation of a variety of nursing and non nursing theories used in advanced nursing practice and research.</td>
<td>3</td>
<td>NURSE 7100</td>
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<tr>
<td>NURSE 7110</td>
<td>Advanced Nursing Role Acquisition</td>
<td>An overview of the advanced nursing practice role and professional issues. Provides foundational knowledge on which other advanced nursing courses will build.</td>
<td>3</td>
<td>Admission to the graduate program or faculty consent</td>
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<tr>
<td>NURSE 7111</td>
<td>Trends and Issues in Nursing</td>
<td>Issues and trends involving professional nursing practice are examined from socioeconomic, organizational, legal and ethical perspectives. Past, present and future roles and practice of nurses are examined.</td>
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<tr>
<td>NURSE 7120</td>
<td>Advanced Physiology and Pathophysiology</td>
<td>Focus 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.</td>
<td>3</td>
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<tr>
<td>NURSE 7130</td>
<td>Advanced Pharmacology and Pharmacotherapeutics</td>
<td>Advanced practice nurse drug therapy management for health maintenance and treatment of acute episodic and chronic health problems in various populations over the life span.</td>
<td>3</td>
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<tr>
<td>NURSE 7140</td>
<td>Advanced Health Assessment and Promotion</td>
<td>Expands history and physical assessment techniques across lifespan. Addresses diagnostic reasoning, differential diagnosis, selection of common diagnostic test, disease risk factors, and health promotion strategies.</td>
<td>3.5</td>
<td>BSN or instructor's consent</td>
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<tr>
<td>NURSE 7150</td>
<td>Research Basis for Advanced Nursing</td>
<td>Examines fundamentals of scientific inquiry. Addresses research design issues. Focuses on interpreting, critiquing, and synthesizing research findings.</td>
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<td>NURSE 7150</td>
<td>Research Basis for Advanced Nursing</td>
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<td>NURSE 7211</td>
<td>Stress Management</td>
<td>Review of contemporary research on the causes, prevention, and treatment of stress. Examination of utility and validity of a variety of stress reduction methods. Development of selected self-management skills.</td>
<td>3</td>
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<tr>
<td>NURSE 7212</td>
<td>Legal Parameters of Nursing</td>
<td>This course provides the basic doctrines and principles of the law foundational to legally sound nursing practice. Included among significant topics are tort law, nurse practice act, licensure, effect of contract law.</td>
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<tr>
<td>NURSE 7310</td>
<td>Advanced Health Assessment for Pediatric Nursing Practice</td>
<td>Comprehensive assessment of children through adolescence including those with significant health and/or developmental deviations using advanced diagnostic reasoning process. Emphasis on health history, cultural diversity, differentiation, interpretation and documentation of findings.</td>
<td>3.5</td>
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<tr>
<td>NURSE 7330</td>
<td>Pediatric Pharmacology for Advanced Nursing Practice</td>
<td>Clinical pharmacotherapeutics course that builds on prior pharmacology knowledge. Major focus is pharmacotherapeutics for primary care.</td>
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NURSE 7600: Women's Health
A survey of international and domestic women's health issues; considers historical antecedents and specific effects of socio-cultural variables and economic development on women's health in developing and developed nations.
Credit Hours: 3

NURSE 7750: Physical Function and Older Adults
(Same as F_C_MD 7750, ARCHST 7640, HMI 7750, H_D_FS 7750, P_HLTH 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded A-F only.
Credit Hours: 3

NURSE 7751: Psychosocial Function and Older Adults
(same as ARCHST 7650, F_C_MD 7751, HMI 7751, H_D_FS 7751, P_HLTH 7751 and SOC_WK 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 7854: Preparing Nurse Educators
Explores the role of the nurse educator. Emphasis will be on the development, evaluation, differences and implementation of the nurse educator in the functional roles.
Credit Hours: 3
Prerequisites: Admission to the Master Science in Nursing Program or instructor's consent

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). Theories of family function and dysfunction; techniques of assessment; models of family intervention. Practicum with selected families.
Credit Hours: 3
Prerequisites: NURSE 7100 (Nursing students)
NURSE 8210: Special Health Care Needs of Children
Perform developmental, neuro developmental, and psychosocial assessments of chronically ill children. Collaborate with families, schools; health care, community, family services to meet child's needs.
Credit Hour: 3.5-5
Prerequisites: NURSE 7100 or instructor's consent

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. May be repeated for credit.
Credit Hours: 3
Prerequisites: NURSE 7087, NURSE 8300 or faculty consent

NURSE 8400: Adult and Geriatric Primary Care I
Advanced practice nursing clinical diagnosis and management of acute and chronic cardiovascular, respiratory, HEENT, renal, metabolic and musculoskeletal problems in adults, older adults and their families.
Credit Hour: 3.5-5
Prerequisites: NURSE 7120, NURSE 7130, NURSE 7140

NURSE 8410: Adult and Geriatric Primary Care II
Advanced practice nursing clinical diagnosis and management of acute and chronic gastrointestinal, endocrine, hematological, neuropsychological problems and bioterrorism and CAM issues in adults, older adults and their families.
Credit Hour: 3.5-5
Prerequisites: NURSE 8400

NURSE 8420: Newborn Through Adolescence Primary Care
Advanced nursing practice of newborn through adolescence of health maintenance/promotion, clinical diagnosis and management of common childhood illness, behavioral, developmental problems. Advanced knowledge of human growth, development, family dynamics, community resources, collaborative relationships. Integrated clinical practicum.
Credit Hour: 3.5-5
Prerequisites: NURSE 7140 or NURSE 7310

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
Credit Hour: 3.5-5
Prerequisites: NURSE 7140, NURSE 8410 or instructor's consent

NURSE 8500: Primary Health Care Management of Aging I
Health promotion, wellness, concepts of normal aging. Design, delivery, evaluation of primary health care management of aging adults from an advanced practice nursing perspective.
Credit Hours: 3
Prerequisites: NURSE 7130, NURSE 7140, NURSE 8400 or instructor's consent

NURSE 8510: Primary Health Care Management of Aging II
Continuing emphasis on health promotion, wellness, concepts of aging. Primary health care management of complex health care problems in aging adults from advanced practice nursing perspective.
Credit Hours: 3
Prerequisites: NURSE 8410, NURSE 8500, instructor's consent

NURSE 8540: Advanced Diagnostics and Reasoning
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 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 Hour: 3.5-4
Prerequisites: NURSE 7120, NURSE 7130 and NURSE 7140

NURSE 8620: Brief Individual Psychotherapy for Mental Health Nurses
Develops advanced skills in assessment, treatment, and follow-up evaluation of individuals experiencing acute mental health problems. Emphasizes brief psychotherapy based on frameworks from nursing and other disciplines.
Credit Hour: 3.5-4
Prerequisites: 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.
Credit Hour: 3.5-4
Prerequisites: NURSE 8610

NURSE 8660: Mental Health Nursing Interventions for Families
Application of nursing and family theories in advanced nursing management of families experiencing a variety of problems. Emphasis on designing, implementing, and evaluating advanced nursing interventions for families.
Credit Hour: 3.5-4
Prerequisites: NURSE 8620 or consent of instructor

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 Hour: 3.5-4
Prerequisites: NURSE 8610 or faculty consent

NURSE 8710: Clinical Management of Acute and Critical Care Problems
Advanced practice nurse management of selected clinical problems across the lifespan commonly encountered in the acute and/or critical care settings. Patient safety, technology, and product selection addressed. Integrated clinical practicum with selected population and setting. May be repeated for credit.
Credit Hour: 3.5-5
Prerequisites: NURSE 7140

NURSE 8720: Symptom Management in Acute and Chronic Illness
Clinical management of symptoms of acute and chronic illness across the lifespan. Preparation for teaching patient self-management strategies. Integrated clinical practicum with selected population and setting.
Credit Hour: 3-5
Prerequisites: NURSE 7140 and NURSE 7150 or faculty consent

NURSE 8800: Leadership and Management in Healthcare Systems
Prepares nurse leaders who facilitate and integrate complex structures and processes in health care systems. Understanding of partnerships, accountability, continuum-defined health care systems, self-managed teams, and value-based organizations.
Credit Hour: 4
Prerequisites: NURSE 7100

NURSE 8810: Management of Patient Care Services
Prepares nurses to effectively manage personnel, clinical operations, and quality improvement initiatives. Emphasizes techniques that facilitate sound nursing management across the care continuum. Multiple dimensions of managing patient care operations are considered.
Credit Hour: 4
Prerequisites: NURSE 7100

NURSE 8820: Health Care Financial Management
Prepares nurses to use the techniques that facilitate financial analysis and decision-making for patient care programs across the healthcare continuum. Focuses on efficient, effective management of resources for delivery of quality healthcare services. Prerequisites: NURSE 7100
Credit Hours: 4

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
Prerequisites: NURSE 7087 or instructor's consent

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
Prerequisites: NURSE 7087 or instructors consent

NURSE 8850: Teaching Nursing
Principles and methods of teaching, evaluation, and curriculum construction in undergraduate nursing education.
Credit Hours: 3
Prerequisites: ESC_PS 4100 or equivalent

NURSE 8854: Teaching Strategies in Nursing
Examines principles, issues, techniques, and evaluation methods in teaching nursing. Focuses on the development of a variety of teaching strategies and evaluation methods for didactic and clinical settings.
Credit Hours: 3
Prerequisites: NURSE 7100 and NURSE 7110 or instructor's consent

NURSE 8860: Organizations & 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 in regard to employee rights, resources, and responsibilities. May be repeated for credit. Graded on an A-F basis only.
Credit Hours: 3
Prerequisites: NURSE 7087 or instructors consent

NURSE 8864: Curriculum Development in Nursing
Examines theoretical foundations, principles, and issues in curriculum design. Explores systematic evaluation of curriculum at all levels.
Credit Hours: 3
Prerequisites: NURSE 7100 and NURSE 7110 or instructor's consent

NURSE 8890: Clinical/Scholarly Project
Design, implement and evaluate nursing projects derived from theory, including written report with explanation or justification to support the
NURSE 8900: Research Practicum in Nursing
Selected independent research activities in conjunction with ongoing research programs of faculty. Graded on S/U basis only.

Credit Hour: 1-3
Prerequisites: NURSE 7150, graduate statistics

NURSE 8910: Translational Evidence-Based Nursing Practice
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.

Credit Hours: 3
Prerequisites: NURSE 8100 or faculty consent

NURSE 8920: Quality, Safety, and Performance Outcomes
Uses information systems to identify and analyze patient safety and other clinical issues and recommend system-wide actions and measurement plans that result in safe, effective, efficient, equitable, patient-centered outcomes.

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 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 and NURSE 8864

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

Credit Hours: 4
Prerequisites: NURSE 8854 and NURSE 8864 or equivalents

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 8800, NURSE 8810, NURSE 8820

NURSE 8970: APN Role Transition Course
Focus on refinement of knowledge and skills required for successful transition into an Advanced Practice Nursing career. Corequisites: NURSE 8980

Credit Hour: 1
Prerequisites: NURSE 7100, NURSE 7150, NURSE 7110, and instructor's consent

NURSE 8980: Advanced Clinical Nursing Practicum
Prepares leaders to facilitate patient care operations in various settings. May be repeated for credit. Some sections may be graded on S/U basis only.

Credit Hours: 2-7
Prerequisites: NURSE 7150, NURSE 7110, NURSE 8910 or faculty consent

NURSE 9070: DNP Clinical Residency
Intensive clinical experience. Prepare experts in advanced nursing practice and leadership to effectively evaluate practice problems, translate evidence into practice, monitor outcomes, and implement innovative models of care. May be repeated for credit. Some sections may be graded on an A-F or S/U basis only.

Credit Hours: 1-5
Prerequisites: NURSE 8930 and NURSE 8450 or NURSE 8610

NURSE 9080: DNP Residency Project
Final synthesis of DNP coursework culminating in an in-depth practice change project or case analysis impacting a rural or other undeserved population or critical healthcare system need. May be repeated for credit. Some sections may be offered on an A-F or S/U graded basis only.

Credit Hour: 1-3
Prerequisites: NURSE 8930 and NURSE 9070

NURSE 9087: Leadership and Transformational Role Institute
Synthesis of advanced nursing practice knowledge and leadership skills. Prepares DNP graduate to implement an advanced nursing practice role that will result in practice and/or policy change at the local, state, or national levels. May be repeated for credit.

Credit Hours: 2
Prerequisites: 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
The existing body of research literature is the foundation upon which new scientific knowledge is built. This course will guide the student through the purpose and processes of scholarly writing. Students will conduct a systematic review of the scientific literature on a selected focus area in the health sciences. Students will work with course faculty, with input from the student's advisor, to develop and implement strategies to search, evaluate, and synthesize the literature in the selected area. Scholarly writing will be emphasized in this course. Graded on an A-F basis only.

Credit Hours: 3
Prerequisites: Admission to a doctoral program or permission of instructor

NURSE 9110: Conceptual Structure of Nursing
Conceptualization and theoretical analysis of nursing phenomena; critical evaluation of nursing theories.

Credit Hours: 3
Prerequisites: NURSE 7100

NURSE 9120: Philosophical and Theoretical Basis for Research
Based on an understanding of the philosophy of science, critically appraise and adapt conceptual models and theoretical frameworks for use in research.

Credit Hours: 3
Prerequisites: NURSE 7100 or faculty consent

NURSE 9130: Philosophy of Science in Nursing
Overview of foundational concepts of philosophy-history of science; development and evolution of science and philosophical perspectives of nature of science including logical, empiricism, historicism, post-structuralism as related to nursing science/nursing research.

Credit Hours: 3

NURSE 9131: Responsible Conduct of Research in the Health and Social Sciences
(same as H_D_FS 9131) This course examines professional research ethics including the rights of human subjects. Graded on S/U basis only.

Credit Hour: 1
Prerequisites: Instructor's permission required

NURSE 9132: Writing Research Proposals: Skill Building
(same as H_D_FS 9130) This course teaches the components of writing a research proposal for external funding. Graded on S/U basis only.

Credit Hours: 3
Prerequisites: Instructor's permission required

NURSE 9400: Macro Social Theory
(Same as SOC_WK 9400) Building on the foundation laid in Social Work 9100, in depth examination of human development and social environment theories appropriate to scientific examination of social welfare practice with formal organizations, interorganizational combinations, communities and larger political entities. May be repeated for credit.

Credit Hours: 3

NURSE 9140: Advanced Quantitative Methods
(same as H_D_FS 9200). Study of explanatory and predictive quantitative designs in health-related research, including nested, double-blind, time series, casual models, retrospective cohort; secondary database use will be explored.

Credit Hours: 3
Prerequisites: NURSE 9131, Advanced Statistics Course

NURSE 9145: Qualitative Methods
(same as H_D_FS 9420) Examines the following selected qualitative research approaches appropriate for the study of nursing phenomena and the extension or modification of scientific knowledge so as to be relevant to nursing: case study research methods, verbal qualitative approaches, and nonverbal qualitative approaches. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 7150 and doctoral status (or permission of faculty)

NURSE 9147: Measurement Issues
Examines techniques used to estimate the various types reliability and validity of psychological and biological measures of nursing phenomena as well as the appropriate use of existing measures. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: NURSE 7150, NURSE 9420

NURSE 9148: Doctoral Seminar: Social Determinants of Health
Doctoral seminar on defining, measuring and conducting research on social determinants of health. May be repeated for credit.

Credit Hours: 3
Prerequisites: NURSE 9120 and NURSE 9410

NURSE 9150: 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 9151: Technology Evaluation in Health Care Systems
Research
(same as HMI 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 9510: Advances in Health Care Systems
Guided in-depth exploration, analysis, and evaluation of selected nursing and other current literature in health care systems.
NURSE 9520: Advances in Health Restoration and Support
Guided in-depth exploration, analysis, and evaluation of selected nursing and other current literature in health restoration and support.

Credit Hours: 3  
Prerequisites: NURSE 9110, doctoral standing or instructor's consent

NURSE 9530: Advances in Health Promotion and Protection
Guided in-depth exploration, analysis, and evaluation of selected nursing and other current literature in health promotion and protection.

Credit Hours: 3  
Prerequisites: NURSE 9110, doctoral standing or instructor's consent

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 Systematic Reviews  
(Same as SOC_WK 9560 and H_D_FS 9560) Examine and carry out elements of qualitative systematic reviews: topic/problem identification, data collection, and analysis. Understand how to limit threats to validity and maximize generalizability.

Credit Hours: 3  
Prerequisites: NURSE 9420 or equivalent

NURSE 9700: Social Welfare Policy Seminar  
(Same as SOC_WK 9700) Critical examination of comparative models of social policy development.; preparation of a professional social work policy analysis in the student's area of interest/specialization that is suitable for submission to an appropriate referred journal. May be repeated for credit.

Credit Hours: 3  
Prerequisites: instructor's consent

NURSE 9710: Advanced Research Practicum  
Mentored research experience designed by student, mentor, and program committee based on student's substantive areas of interest and program of research. Graded on S/U basis only.

Credit Hour: 1-6  
Prerequisites or Corequisites: NURSE 9120; advisor consent