

# Nursing

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The Traditional BSN is designed for undergraduate students who plan to complete the degree after graduating from high school or transferring from another college. As freshman and sophomores, nursing students are considered Pre-Nursing. Students apply for admission to the clinical major for their junior and senior years.

Other BSN options include the accelerated option for students with a college degree and RN to BSN for registered nurses with an Associate Degree in Nursing.

The Master of Science degree programs prepares nurses with post-baccalaureate or post-graduate degrees for roles as advanced practice nurses, nurse educators, nurse leaders, and care managers. Graduates of the Masters of Science program proceed to prepare future nurses, promote health, provide care management, and nursing leadership.

The Doctor of Nursing Practice Degree (or practice doctorate) prepares post baccalaureate and post graduate students in a specific advanced nursing roles (clinical nurse specialist, family nurse practitioner, and leadership) at the highest level of nursing practice.

Our Doctor of Philosophy in nursing (PhD) program prepares clinical scholars, educators, and researchers for leadership roles in a variety of academic, industry, and healthcare settings. Because the knowledge and skills needed to produce excellent health-related research is not discipline specific, the PhD program does not require a prior degree in nursing. Indeed, we have had PhD students with academic preparation in health administration, health education, medical ethics, nursing, occupational therapy, physical therapy, public health and social work.

## Faculty

**Professor** S. Thompson\*

**Associate Professor** T. Bloom\*\*, K. Lane\*\*, L. Popejoy\*\*, B. Reeder, A. Vogelsmeier\*\*, B. Wakefield\*\*, D. Wipke-Tevis\*\*

**Assistant Professor** A. Anbari\* J. Chase\*, L. Despina\*, C. DeRoche\*\*, B. Galatzan, J. Hulett\*, K. Powell\*, L. Sherwin\*

**Teaching Professor** J. Sherman\*, G. Oliver\*

**Associate Teaching Professor** V. Bader\*, S. Ulbrich\*, R. Harris\*, K. Bowman\*

**Assistant Teaching Professor** S. Birk\*, N. Birtley\*, M. Butler\*, P. Evans-Smith\*, J. Sabrowski, S. Thomas\*, L. Wood\*, A. Heyen\*, M. Shahan\*

**Instructor of Nursing** C. Clark, H. Claunch, M. Fete, L. Frey, C. Grider, B., R. McIntosh, D. Mendenhall, O. Odemuyiwa, A. Vroman, N. Chernookaya, S. Platt, S. Yun Fowler, J. Furrer, Oeth, K., Beach, E.K. Doescher

**Professor Emerita** J. Armer\*\*, M.J. Rantz\*\*

**Teaching Professor Emerita** J. Bostick\*

**Instructor Emerita** D. Otto

**Adjunct Professor** L. Bullock\*\*, M. Enriquez\*\*

**Adjunct Assistant Teaching Professor** M. Beck\*, C. Crumley\*, S. Revelle\*, T. Rood\*, J. Miller, S. Zembles\*

**Adjunct Instructor** C. Thompson

\* Graduate Faculty Member - membership is required to teach graduate-level courses, chair master's thesis committees, and serve on doctoral examination and dissertation committees.

\*\* Doctoral Faculty Member - membership is required to chair doctoral examination or dissertation committees. Graduate faculty membership is a prerequisite for Doctoral faculty membership.

## Undergraduate

- BSN in Nursing (<http://catalog.missouri.edu/schoolofnursing/nursing/bsn-nursing/>)

## About the Sinclair School of Nursing

Nursing was an integral part of the Parker Memorial Hospital Training School, which served as the university's first hospital in 1901. Although a nursing program was not officially established until 1920 within the School of Medicine, MU graduated its first nursing class in 1904. Sixteen years later, the Curators approved a Graduate Nursing designation. Today, the Sinclair School of Nursing provides a rich and rewarding learning environment for our students. Our faculty includes knowledgeable and skillful teachers, respected scholars and researchers in the nursing profession, and experienced, caring practitioners. The master's and Doctor of Nursing Practice (DNP) program is accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001

## Facilities and Resources

Students in the School of Nursing have access to campus libraries and the various services they provide. The School of Nursing building is adjacent to University Hospital and Clinics, MU Psychiatric Center and Ellis Fischel Cancer Center. Women and Children's Hospital is located nearby. A variety of learning experiences also are available at other hospital and health and social service agencies in and around Columbia.

## Academic Regulations

### College Credits

Students applying to the Sinclair School of Nursing may transfer coursework from accredited four-year institutions and community colleges. There is no time limit imposed on transfer courses.

Students may earn advanced standing credit in some courses by satisfactorily completing examinations in certain subjects. The student may acquire College Level Examination Program (CLEP) advance standing by subject examinations in general education and required support courses. Departmental examinations are may also be available. Departmental examinations are comparable to final examinations given in the required courses offered on campus. A student who has a record of enrollment in a course with a grade less than a "C" shall not be eligible later for credit on the basis of examination covering the same subject.

Students in the RN to BSN may take advance standing by subject examinations. For RN to BSN students, a standardized nursing examination from the National League for Nursing (NLN) is available for nutrition. If an unsatisfactory score is obtained from the first attempt the student may repeat the failed examination one time. A CLEP examination is available for the subject of Human Growth and Development. If an unsatisfactory score is obtained from the first attempt, the examination may not be repeated for six months. More information regarding testing for credit can be found at the MU Testing Center.

## Progression Criteria

### Pre-Nursing

#### Minimum Cumulative Pre-Nursing GPA Requirements

- First semester at MU (new and transfer students): 2.8
- Successive semesters at MU: 3.25

These grade standards apply to current MU students seeking to transfer from another major to Pre-Nursing.

#### Academic Actions

- **Required major transfer:** Students who do not meet the GPA requirements are encouraged to explore another major at MU.
- **Probation:** Students whose term GPA falls below 2.0, but is above 1.0 are placed on probation.
- **Ineligible:** Students whose semester GPA falls below 1.0 are ineligible to enroll at MU.

#### Minimum Pre-Nursing Course Grade Requirements:

- A grade of "C" or better is required in the following courses:
  - CHEM 1100 Atoms and Molecules with Lab \*
  - ENGLSH 1000 Writing and Rhetoric
  - H\_D\_FS 2400 Principles of Human Development \*
  - MICROB 2800 Microbiology for Nursing and Health Professions
  - MPP 3202 Elements of Physiology
  - NEP 2380 Diet Therapy for Health Professionals
  - NURSE 2200 Foundations of Communication and Professionalism in Nursing
  - NURSE 3200 Pathophysiology
  - PTH\_AS 2201 Human Anatomy Lecture
  - PTH\_AS 2203 Human Anatomy Laboratory
  - Writing Intensive courses
- \* Consult your advisor for alternative course choices.
- A grade of "C-" or better is required in MATH 1050 Quantitative Reasoning or MATH 1100 College Algebra, and STAT 1200 Introductory Statistical Reasoning.

- Students may repeat a course in which an unsatisfactory grade was earned. If less than a C is earned in a repeated course, students are ineligible to continue enrollment in the School of Nursing.

### Clinical Nursing

- Progression into the next semester's nursing courses is contingent on the completion, with a grade of C or better, of all of the previous semester's courses.
- A satisfactory academic standing for clinical students is a minimum semester GPA and cumulative GPA of 2.0. A student who does not meet this requirement may be placed on academic probation.
- A grade of C or better is required for all nursing courses. One repetition of a course is permitted, but requires approval of the Student Academic Progression (SAP) committee. Students who earn less than a C in a repeated nursing course are ineligible to continue enrollment in the School of Nursing.

- Students in the clinical nursing phase who withdraw in good standing for any reason must contact the Associate Dean for readmission.
- Students who have been dismissed may reapply through the established admissions procedure for all students and petition the Faculty Assembly Student Admissions and Progression Committee. Students who are readmitted are guided by the rules in operation for the class they join.
- A student in the clinical nursing phase who has been dismissed from the School of Nursing for a second time may not reapply for admission.

### Additional Requirements

Students enrolled in the Traditional, Accelerated, and RN-BSN programs must be prepared to provide their own transportation to clinical agencies. In addition, they must meet the following requirements:

- Required Immunizations and Health Requirements
- Drug Screening
- Criminal Background Check
- CPR Certification (American Heart Association, BLS for Healthcare Providers)
- School of Nursing scrubs/student uniform
- Functional Abilities

### Practicums

Clinical practicums (patient/client care) are an integral part of the curriculum. Students have the opportunity to practice in a variety of health care and related agencies, including:

- University of Missouri Health Care
- Boone Hospital Center
- Truman Veterans Hospital
- Fulton State Hospital
- Multiple county and city health departments
- Long-term care facilities
- Day-care centers
- Schools (K-12)

### Licensure by the Missouri State Board of Nursing

On receipt of the Bachelor of Science in Nursing degree, students may be eligible to take the NCLEX examination for licensure as registered nurses. The Missouri State Board of Nursing grants a license to practice to persons who meet the policies and regulations contained within the Nursing Practice Act, Chapter 335.011 to 335.096.

### Contact Information

Sinclair School of Nursing  
S235 Sinclair School of Nursing Building  
573-882-0277  
<https://nursing.missouri.edu/>

### Graduate

- MS in Nursing (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing/>)

- with emphasis in Adult Gerontology Clinical Nurse Specialist (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing-emphasis-adult-gerontology-clinical-nurse-specialist/>)
- with emphasis in Family Nurse Practitioner (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing-emphasis-family-nurse-practitioner/>)
- with emphasis in Leadership in Nursing and Health Care Systems (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing-emphasis-leadership-nursing-health-care-systems/>)
- with emphasis in Nurse Educator (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing-emphasis-nurse-educator/>)
- with emphasis in Pediatric Clinical Nurse Specialist (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing-emphasis-pediatric-clinical-nurse-specialist/>)
- with emphasis in Pediatric Nurse Practitioner-Primary Care (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing-emphasis-pediatric-nurse-practitioner-primary-care/>)
- with emphasis in Psychiatric Mental Health Nurse Practitioner (<http://catalog.missouri.edu/schoolofnursing/nursing/ms-nursing-emphasis-psychiatric-mental-health-nurse-practitioner/>)
- DNP in Nursing (<http://catalog.missouri.edu/schoolofnursing/nursing/dnp-nursing/>)
  - with emphasis in Adult-Gerontology Clinical Nurse Specialist (<http://catalog.missouri.edu/schoolofnursing/nursing/dnp-nursing-emphasis-adult-gerontology-clinical-nurse-specialist/>)
  - with emphasis in Family Nurse Practitioner (<http://catalog.missouri.edu/schoolofnursing/nursing/dnp-nursing-emphasis-family-nurse-practitioner/>)
  - with emphasis in Nurse Leadership and Innovations in Health Care (<http://catalog.missouri.edu/schoolofnursing/nursing/dnp-nursing-emphasis-nurse-leadership-innovations-health-care/>)
  - with emphasis in Pediatric Clinical Nurse Specialist (<http://catalog.missouri.edu/schoolofnursing/nursing/dnp-nursing-emphasis-pediatric-clinical-nurse-specialist/>)
  - with emphasis in Pediatric Nurse Practitioner- Primary Care (<http://catalog.missouri.edu/schoolofnursing/nursing/dnp-nursing-emphasis-pediatric-nurse-practitioner-primary-care/>)
  - with emphasis in Psychiatric-Mental Health Nurse Practitioner (Across the Lifespan) (<http://catalog.missouri.edu/schoolofnursing/nursing/dnp-nursing-emphasis-psychiatric-mental-health-nurse-practitioner-across-lifespan/>)
- PhD in Nursing (<http://catalog.missouri.edu/schoolofnursing/nursing/phd-nursing/>)

## About the Sinclair School of Nursing

Sinclair School of Nursing  
 S235 Sinclair School of Nursing Building  
 573-882-0277  
<https://nursing.missouri.edu/>

Nursing was an integral part of the Parker Memorial Hospital Training School, which served as the university's first hospital in 1901. Although a nursing program was not officially established until 1920 within the School of Medicine, MU graduated its first nursing class in 1904. Sixteen years later, the Curators approved a Graduate Nursing designation. Today, the Sinclair School of Nursing provides a rich and rewarding learning environment for our students. Our faculty includes knowledgeable and skillful teachers, respected scholars and researchers in the nursing

profession, and experienced, caring practitioners. The master's and Doctor of Nursing Practice (DNP) program is accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001

## Facilities and Resources

Graduate students in the School of Nursing have access to all campus libraries and the various services they provide. The School of Nursing building is adjacent to University Hospital and Clinics, MU Psychiatric Center and Ellis Fischel Cancer Center. Women and Children's Hospital is located nearby. A variety of learning experiences also are available at other hospital and health and social service agencies in and around Columbia.

## Career Opportunities

Nursing is a professional career for those who would like to combine the following words in any number of ways: Servant leadership, challenge, advanced nursing skills, caring, science, and meaningful work. Graduates of our program work in a variety of settings - from hospital inpatient units and hospital based clinics, to community health centers, private practices, and schools, to areas of research and teaching.

## Funding

Financial assistance is available as scholarships, fellowships, assistantships and traineeships.

### 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 - Honors

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

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**NURSE 2100H: 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

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**NURSE 2200: Foundations of Communication and Professionalism 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, health literacy, and health disparities. Students will learn evidence-based communication techniques. Graded on A-F basis only.

**Credit Hours:** 3

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**NURSE 2200H: Foundations of Communication and Professionalism in Nursing - Honors**

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, health literacy, and health disparities. Students will learn evidence-based communication techniques. Graded on A-F basis only.

**Credit Hours:** 3

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**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

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**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

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**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

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**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.

**Credit Hours:** 3

**Prerequisites:** RN-BSN students only

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**NURSE 3080W: Introduction to Nursing Informatics - Writing Intensive**

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.

**Credit Hours:** 3

**Prerequisites:** RN-BSN students only

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**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 or Corequisites:** NURSE 3200 or NURSE 3260

**Prerequisites:** Restricted to Clinical BSN Accelerated students; restricted to clinical majors during early registration; PTH\_AS 2201 and PTH\_AS 2203 and MPP 3202

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**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

**Prerequisites:** Clinical BSN Nursing CLN\_BSN

**Recommended:** NURSE 3270

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**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

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**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:** Restricted to pre-nursing and students in the Clinical Nursing Major. PTH\_AS 2201 and PTH\_AS 2203 and MPP 3202

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**NURSE 3200H: Pathophysiology - Honors**

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:** Restricted to pre-nursing and students in the Clinical Nursing Major. PTH\_AS 2201 and PTH\_AS 2203 and MPP 3202; Honors eligibility required

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#### **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

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#### **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, NURSE 3300; 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

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#### **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

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#### **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

**Prerequisites or Corequisites:** NURSE 3200  
**Prerequisites:** Restricted to Clinical Nursing Majors

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#### **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

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#### **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

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#### **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

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#### **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 or Corequisites:** NURSE 3900 or NURSE 3900H

**Prerequisites:** NURSE 3280 and NURSE 3300 or NURSE 3100 and NURSE 3370

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#### **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 or Corequisites:** NURSE 3900 or NURSE 3900H

**Prerequisites:** NURSE 3280 and NURSE 3300 or NURSE 3100 and NURSE 3370

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#### **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

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#### **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, admission to accelerated option

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#### **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

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#### **NURSE 3900: Introduction to Research for Evidence Based Nursing Practice**

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 and Clinical Nursing Major

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#### **NURSE 3900H: Introduction to Research for Evidence Based Nursing Practice - Honors**

This course introduces students to research in nursing, medicine, and healthcare. Students then apply research findings to evidence-based nursing practice. Students learn about Quality improvement 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. Graded on A-F basis only.

**Credit Hours:** 4

**Prerequisites:** Clinical Nursing Majors and STAT 1200 or STAT 1300 or ESC\_PS 4170; Honors eligibility required

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#### **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 and Clinical Nursing Major

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#### **NURSE 4110: Role Transitions**

(cross-leveled with NURSE 7105). 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 encountered in advanced nursing roles at the master's level. Graded on A-F basis only.

**Credit Hours:** 3

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#### **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:** Restricted to RN-BSN students

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#### **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 Hour:** 3-4

**Prerequisites or Corequisites:** NURSE 3080 or NURSE 3670

**Prerequisites:** Senior Clinical Major

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#### **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, healthcare ethics or a bioethics course which is subject to instructor approval. Graded on A-F basis only.

**Credit Hour:** 1

**Prerequisites:** PHIL 2440 or PHIL 1150 or HLTH\_SCI 4480

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#### **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

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**Prerequisites or Corequisites:** NURSE 3370

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**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

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**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:** 4

**Prerequisites or Corequisites:** For accelerated BSN students NURSE 3470

**Prerequisites:** For Clinical BSN, students must have completed NURSE 3470 and NURSE 3670

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**NURSE 4270H: Nursing of Children - Honors**

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. Prerequisites or Corequisites: For accelerated BSN students NURSE 3470; Honors eligibility required

**Credit Hours:** 4

**Prerequisites:** For Clinical BSN, students must have completed NURSE 3470 and NURSE 3670

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**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

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**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

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**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

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**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:** 3

**Prerequisites:** RN-BSN student

**Corequisites:** NURSE 3080

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**NURSE 4470: Nursing of the Childbearing Family**

This course provides nursing care learning experiences for childbearing families. Students apply the nursing process to promote health and well-being for the childbearing family.

**Credit Hours:** 4

**Prerequisites:** For Clinical BSN, students must have completed NURSE 3470 and NURSE 3670

**Corequisites:** For Accelerated BSN students NURSE 3670

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**NURSE 4770: Nursing in Communities Clinical**

This clinical course in the BSN sequence applies the concepts of community health nursing. Students will work in the community with a public health nurse or worker. Students will examine and experience the roles and functions of the community/ public health nurse 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:** 2

**Prerequisites:** NURSE 4270 and NURSE 3470; or NURSE 3670 and NURSE 4470

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**NURSE 4770H: Nursing in Communities Clinical - Honors**

This clinical course in the BSN sequence applies the concepts of community health nursing. Students will work in the community with a public health nurse or worker. Students will examine and experience the roles and functions of the community/ public health nurse 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:** 2

**Prerequisites:** NURSE 4270 and NURSE 3470; or NURSE 3670 and NURSE 4470. Honors eligibility required

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**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 Hour:** 3-7

**Prerequisites or Corequisites:** NURSE 4970 or NURSE 4980

**Prerequisites:** NURSE 3470 and NURSE 3670 and NURSE 4270 and NURSE 4470

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**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 or NURSE 4980

**Prerequisites:** NURSE 3470 and NURSE 3670 and NURSE 4270 and NURSE 4470; Honors eligibility required

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**NURSE 4930: Evidence-Based Nursing Practice and Quality Improvement**

Concepts of evidence-based nursing practice and quality improvement are 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

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**NURSE 4930W: Evidence-Based Nursing Practice and Quality Improvement - Writing Intensive**

Concepts of evidence-based nursing practice and quality improvement are 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

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**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.

**Credit Hours:** 3

**Prerequisites:** STAT 1200 or ESC\_PS 4170. Must be a RN-BSN student

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**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.

**Credit Hours:** 3

**Prerequisites:** STAT 1200 or ESC\_PS 4170. Must be a RN-BSN student

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**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.

**Credit Hour:** 4-5

**Prerequisites:** Restricted to RN-BSN students. NURSE 4950 and NURSE 4930

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**NURSE 4970H: Nursing in Communities - Honors**

(same as NURSE 4970W). 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. Graded on A-F basis only.

**Credit Hour:** 4-5

**Prerequisites:** Honors eligibility required. Students must meet one of the following - Traditional students - NURSE 4470, NURSE 4270 and

NURSE 3470; or Accelerated students - NURSE 3750 and NURSE 3760 and pre- or co-enrolled in NURSE 3470

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**NURSE 4970HW: Nursing in Communities - Honors/Writing Intensive**

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.

**Credit Hour:** 4-5

**Prerequisites:** Honors Eligibility required; Students must meet one of the following - Traditional students - NURSE 4470, NURSE 4270 and NURSE 3470; or Accelerated students - NURSE 3750 and NURSE 3760 and pre- or co-enrolled in NURSE 3470

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**NURSE 4970W: Nursing in Communities - Writing Intensive**

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.

**Credit Hour:** 4-5

**Prerequisites or Corequisites:** Accelerated students - NURSE 3670 and NURSE 3470 and NURSE 4270 and NURSE 4470

**Prerequisites:** Students must meet one of the following - Traditional students - NURSE 4470, NURSE 4270

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**NURSE 4980: Nursing in Communities**

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 3760 or NURSE 4930

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**NURSE 4980H: Nursing in Communities - Honors**

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 3760 or NURSE 4930; Honors eligibility required

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**NURSE 4980HW: Nursing in Communities - Honors/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 3760 or NURSE 4930; Honors eligibility required

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**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 3760 or NURSE 4930

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**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

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**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

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**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

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**NURSE 7105: Role Transitions**

(cross-leveled with NURSE 4110). 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

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**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 build. Graded on A-F basis only.

**Credit Hours:** 3

**Prerequisites:** Admission to the graduate program or faculty consent

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**NURSE 7120: Advanced Physiology and Pathophysiology**

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.

**Credit Hours:** 3

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**NURSE 7130: Advanced Pharmacology and Pharmacotherapeutics**

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.

**Credit Hours:** 3

**Prerequisites:** BSN or instructor's consent

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**NURSE 7140: Advanced Health Assessment and Promotion**

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.

**Credit Hours:** 3.5

**Prerequisites:** BSN or instructor's consent

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**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

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**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

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**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

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**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

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**NURSE 7750: Functional Dimensions of Aging**

(same as ARCHST 7640, F\_C\_MD 7750, HMI 7750, H\_D\_FS 7750, SOC\_WK 7752). 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

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**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

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**NURSE 8001: Topics in Advanced Clinical Nursing**

Specialized topics in advanced clinical nursing not available through regularly offered courses.

**Credit Hours:** 3

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**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

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**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)

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**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

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**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

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**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

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**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 practice. Case conferences, webinars, discussion, 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:** MSN APRN Completion

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**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

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**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 7150 or faculty consent

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**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

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**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

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**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

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**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

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**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

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**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

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**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:** 2-5

**Prerequisites:** NURSE 7120, NURSE 7130, NURSE 7140

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**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

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**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

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**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

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**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 Hour:** 3.5-5

**Prerequisites or Corequisites:** NURSE 8420 and NURSE 8410

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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 instructor's consent

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**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 7160 and NURSE 7110, or consent of instructor

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**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 instructor's consent

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**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

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**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

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**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 7100, NURSE 7150, graduate statistics

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**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, instructor's consent

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**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 NURSE 7150, or faculty consent

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**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

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**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

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**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

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**NURSE 8950: Teaching Nursing Practicum**

Participation in application of principles and methods of teaching, learning, and evaluation to the education of nursing students. Optional practicum for nursing professional development is available with an additional course credit. Graded on S/U basis only.

**Credit Hour:** 4-5

**Prerequisites:** NURSE 8854, NURSE 8864 and NURSE 8874

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**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

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**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

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**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

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**NURSE 8980: Advanced Clinical Nursing Practicum**

Intensive preceptor or faculty-guided clinical experience that synthesizes previous theory and clinical coursework. Refines knowledge and skills required to transition to an autonomous advanced nursing practice role. Graded on S/U basis only.

**Credit Hour:** 2-7

**Prerequisites:** NURSE 7110, NURSE 8910 or faculty consent

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**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

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**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

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**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 either an A-F or S/U basis only.

**Credit Hour:** 1-5

**Prerequisites:** NURSE 8930 and NURSE 8540 or NURSE 8610

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**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 underserved 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 or Corequisites:** NURSE 8930 and NURSE 9070

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**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 or Corequisites:** NURSE 9080 and NURSE 9070

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**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

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**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

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**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

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**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

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**NURSE 9132: Writing Research Grants: Skill Building**

(same as H\_D\_FS 9130). This course teaches the components of writing a research grant for external funding. Graded on A-F basis only.

**Credit Hours:** 3

**Prerequisites:** NURSE 9120, graduate research methods course, or instructor's permission

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**NURSE 9410: Advanced Quantitative Methods**

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

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**NURSE 9420: 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)

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**NURSE 9450: 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

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**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

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**NURSE 9470: 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

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**NURSE 9540: Seminar in Nursing**

Course content varies. May be repeated to a maximum of six hours.

**Credit Hour:** 1-99

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**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

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**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

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**Prerequisites:** NURSE 9420 or equivalent

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**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

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