

SCHOOL OF NURSING (GRAD)

Contact Information

School of Nursing

Visit Program Website (<http://nursing.unc.edu>)

Nilda Peragallo Montano, Dean

Margaret C. Wilmoth, Executive Dean/Associate Dean for Academic Affairs

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Linda Beeber, Assistant Dean, Ph.D. and Postdoctoral Programs

At the graduate level, the School of Nursing offers the master of science in nursing (M.S.N.), the doctor of philosophy in nursing (Ph.D.), and the doctor of nursing practice (D.N.P.).

Master of Science in Nursing

The master of science in nursing (M.S.N.) program prepares nurses for advanced practice nursing focused on direct patient care or as advanced specialists in health care systems

Length of Program

The program of study varies from 36 to 50 credits of academic coursework, including clinical practice, a professional portfolio as a substitute for the oral comprehensive examination, and a master's paper (or in some cases, a thesis). Students may pursue the M.S.N. degree on a full-time or part-time basis.

Master's Program Curriculum

The curriculum consists of four components: the professional core, the research core, the clinical core, and the advanced nursing practice core courses. The professional core courses (NURS 746, NURS 815, NURS 835) and research core courses (NURS 778, NURS 779, NURS 992 or NURS 993) are required of most M.S.N. students. The clinical core courses and advanced clinical courses focus on the student's selected area of specialization and role preparation.

The program options offered reflect a combination of current practice trends as well as available faculty resources. In some advanced practice specialty areas, electives in nursing or other disciplines or courses to support a focus area are required. Each student is admitted to a specific advanced practice area and assigned a faculty advisor to design a program of study that is appropriate to the student's educational and career goals. Upon completion of the program, students are eligible to sit for national certification examinations appropriate to their advanced area of preparation.

The current advanced practice nursing population foci include adult-gerontology primary care nurse practitioner, family nurse practitioner, pediatric nurse practitioner/primary care, and psychiatric-mental health nurse practitioner. The advanced specialties in health care systems include administration, clinical nurse leader, education, informatics, and outcomes management. The M.S.N. program also includes advanced practice courses in adult oncology. Master's students may elect to take these offerings as electives or declare an oncology focus in addition to their primary population of interest. For students in the health care systems informatics option, dual M.S.N./M.S.I.S. and M.S.N./M.S.L.S. degree options are available through the School of Nursing and the

School of Information and Library Science. A graduate certificate in nursing education (additional nine credits) is available for students who desire concurrently to develop these skills in teaching and learning along with their advanced nursing preparation.

Doctor of Philosophy in Nursing

The Ph.D. program of the University of North Carolina at Chapel Hill is grounded in our commitment to enhancing the health of individuals, families, and communities; increasing the effectiveness of health care systems; and furthering the translation of research into practice. Graduates of the program are prepared to advance the theoretical and empirical underpinnings of nursing science, engage in interdisciplinary inquiry, and disseminate knowledge. The Ph.D. curriculum reflects the goals of the National Institutes of Health to foster discovery and increase the knowledge base for improving the health of all populations and to reduce health disparities. The program emphasizes the integration of the biological and behavioral sciences; the development and testing of evidence-based, theoretically grounded interventions; and the improvement of health care quality and outcomes. Faculty research addresses three areas of emphasis: enhancing health in vulnerable populations, managing chronic health problems, and strengthening health care systems. Students work closely with internationally renowned faculty from nursing and other disciplines to develop the skills and expertise needed to launch their program of research and pursue a successful career in academic and health care settings.

Length of Ph.D. Program

The Ph.D. program of study is a minimum of 50 credits of academic coursework including a qualifying examination and a dissertation. Students may pursue the Ph.D. degree on a full-time or part-time basis.

Ph.D. Program Curriculum

The Ph.D. curriculum in the School of Nursing includes the following components: coursework, a written qualifying exam, and the dissertation. The program of study for students incorporates both required and menu-driven courses distributed as follows: core knowledge and competencies (16 credits), research methods (13 credits), elective courses in the student's substantive area or courses that support the development of methods or additional research practicum (nine credits), courses from a secondary area of concentration outside the School of Nursing (six credits), and a minimum of six dissertation credits.

Doctor of Nursing Practice

The doctor of nursing practice (D.N.P.) program prepares nurses for the highest level of advanced practice nursing focused on direct patient care (e.g., nurse practitioner) or as advanced specialists in health care systems (e.g., administration, outcomes).

Length of Program

The program credits range from 65–75 credit hours for those with baccalaureate preparation and 37–41 credits hours for those with M.S.N. preparation in certain practice areas. The program includes academic coursework, clinical practice, a qualifying examination, and a practice-focused scholarly project. Students with baccalaureate preparation may pursue the D.N.P. degree on a full-time basis, while students with M.S.N. preparation may pursue the D.N.P. degree on a full-time or part-time basis.

D.N.P. Program Curriculum

The D.N.P. program of study builds upon baccalaureate education and expands current M.S.N. education to prepare nurses for clinical

leadership and advanced practice. Graduates of the D.N.P. program receive preparation in such key areas as evidence-based practice, scientific inquiry, organization and systems leadership, finance, health policy, information technology, population health, quality improvement, patient safety, and translational research with the goal of improving patient and population health status and outcomes. The D.N.P. degree provides advanced practice nurses and specialists in health care systems with additional knowledge and skills that better prepare them to address evolving and increasingly complex societal needs.

The D.N.P. program offers two tracks:

- a. advanced clinical practice focused on direct patient care (e.g., nurse practitioners)
- b. administration and organizational leadership focused on support of clinical practice

The curriculum for the D.N.P. program is based on national accreditation standards. The following nurse practitioner options are available at the D.N.P. level: adult-gerontology nurse practitioner/primary care, family nurse practitioner, pediatric nurse practitioner/primary care, psychiatric-mental health nurse practitioner. The specialty options in health care systems available in the baccalaureate to D.N.P. pathway include administration, informatics, and outcomes management.

Following the faculty member's name is a section number that students should use when registering for independent studies, reading, research, and thesis and dissertation courses with that particular professor.

Distinguished Professors

Linda Beeber (109)
 Diane Berry (130)
 Linda R. Cronenwett (105)
 Cheryl Woods Giscombe (31)
 Kathleen Knafl (48)
 Barbara Mark (124)
 Mary H. Palmer (6)
 Sheila Santacroce (51)
 Lixin Song (56)
 Suzanne Thoyre (45)

Professors

Ruth Anderson (153)
 Diane Berry (130)
 Donna Havens (123)
 Cheryl Jones (112)
 George Knafl (47)
 Kathleen Knafl (48)
 Mary Lynn (84)
 Barbara Mark (124)
 Deborah Mayer (28)
 Nilda Peragallo Montano (050)
 Mary H. Palmer (6)
 Gwen Sherwood (33)
 Marcia Van Riper (120)
 Margaret C. Wilmoth
 SeonAe Yeo (108)

Associate Professors

Anna Beeber (14)
 Beth Black (42)

Eric Hodges (16)
 Coretta Jenerette (39)
 Shawn Kneipp (134)
 Jennifer Leeman (133)
 Sheila Santacroce (51)
 Lixin Song (56)
 Anita Tesh (158)
 Debbie Travers (38)
 Jia-Rong Wu (91)

Assistant Professors

Jada Brooks (141)
 Saif Khairat (155)
 Ashley Leak Bryant (143)
 Hudson Santos (154)
 Mark Toles (142)
 Jessica Williams (168)
 Jessica Zegre-Hemsey (144)

Faculty Emeriti

Barbara Bunker
 Margaret E. Campbell
 Jo Ann Dalton
 Molly C. Dougherty
 Margery Duffey
 Catherine I. Fogel
 Cynthia M. Freund
 Sandra G. Funk
 Barbara Germino
 Joanne Harrell
 Edward Halloran
 Carol C. Hogue
 Margaret F. Hudson
 Diane Kjervik
 Betty H. Landsberger
 Patricia Lawrence
 Merle Mishel
 Margaret Miles
 Nancy Milio
 Helen M. Murphy
 Virginia Neelon
 Susan Pierce
 Barbara C. Rynerson
 Margarete Sandelowski
 Anne Skelly
 Ingrid Swenson
 Eleanor Taggart

NURS

Advanced Undergraduate and Graduate-level Courses

NURS 401. Integrating Principles of Leadership, Quality and Safety, and Informatics into Nursing Practice. 3 Credits.

This course focuses on systems thinking and complexity, development of leadership roles and skills, and interprofessional communication and teamwork. All Carolina Core tenets are examined; however, leadership, quality and safety, and informatics are central foci. Majors Only.

Requisites: Prerequisite, NURS 301.

Grading status: Letter grade.

NURS 402. Foundations of Population Health and Global Health: Carolina Core IV. 2 Credits.

In this course, all Carolina Core tenets are explored; however, there is a focus on population health and global health as essential components of nursing. Students will examine global health challenges as well as policy strategies of promoting health for all. Majors Only.

Requisites: Prerequisites, NURS 301, 302, and 401.

Grading status: Letter grade.

NURS 410. Clinical Nursing Skills and Health Assessment III: On Campus Clinical III. 2 Credits.

The third in a series of four on campus clinical courses with application of advanced clinical nursing skills and comprehensive health assessment to specialized populations. This course emphasizes application of leadership, pediatric and community health concepts. The clinical environment is simulated to provide the application of nursing principles and skills. Majors Only.

Requisites: Prerequisites, NURS 310, 311, and 352; Pre- or corequisite, NURS 430.

Grading status: Letter grade.

NURS 430. Nursing Care of Adults II. 4 Credits.

Centers on management of adults experiencing complex health problems and focuses on application of evidence based practice and skill acquisition needed to care for acutely ill patients through transitions in an illness experience. Clinical experience in acute care settings provide application for clinical reasoning, clinical care, and knowledge integration. Majors Only.

Requisites: Prerequisites, NURS 311, 330, and 352.

Grading status: Letter grade.

NURS 456. Discipline of Nursing II. 2 Credits.

Majors only. This course emphasizes professional development through exploration of a variety of roles and practice environments. Students analyze personal and professional goals and values to develop a framework for nursing practice.

Requisites: Prerequisites, NURS 254 and at least one of the following: NURS 470, 472, 477, or 479.

Repeat rules: May be repeated for credit. 2 total credits. 1 total completions.

Grading status: Letter grade.

NURS 470. Public Health Nursing. 5 Credits.

Majors only. Students apply public health concepts to community practice to improve health and reduce disparities across the lifespan, emphasizing interventions using partnership strategies at individual/family, organizational, and policy levels.

Requisites: Prerequisites, NURS 364 and 371. Co-requisites, NURS 472, 477, or 479.

Grading status: Letter grade.

NURS 472. Nursing Care of Infants, Children, and Their Families. 5 Credits.

Majors only. Nursing care of infants, children, and their families is explored. Knowledge from a variety of disciplines is applied through the nursing process to the direct care of infants and children.

Requisites: Prerequisite, NURS 364.

Grading status: Letter grade.

NURS 477. Psychiatric Mental Health Concepts for Broad Clinical Application in Nursing. 5 Credits.

Majors only. Using theories of psychosocial development, psychopathology, therapeutic communication, and psychotherapy, this course requires students to examine the range and complexities of human emotional suffering and methods of effective intervention.

Requisites: Prerequisites, NURS 253, 361, and 362. Corequisites, NURS 364 and 382.

Grading status: Letter grade.

NURS 479. Maternal/Newborn Nursing. 5 Credits.

Majors only. The course focuses on application of caring and critical thinking skills in providing evidence-based nursing care to childbearing families.

Requisites: Prerequisite, NURS 364.

Grading status: Letter grade.

NURS 481. Mental Health Promotion and Psychiatric Care Across Populations and Settings. 4 Credits.

Using selected theories of human psychosocial development, psychopathology, and psychotherapy, this course requires students to advance their use of therapeutic communication skills, examine the range and complexities of human emotional suffering, and apply methods of effective intervention. Majors Only.

Requisites: Prerequisites, NURS 330 and 351; Pre- or corequisites, NURS 311 and 352.

Grading status: Letter grade.

NURS 482. Reproductive Health and Nursing Care of the Childbearing Family. 4 Credits.

The course emphasizes development of caring and critical thinking skills in providing evidence-based nursing care focused on reproductive health and care of childbearing families. Majors Only.

Requisites: Prerequisites, NURS 301 and 330; Pre- or corequisites, NURS 302, 311, and 352.

Grading status: Letter grade.

NURS 483. Family-Centered Nursing Care from Birth through Adolescence. 4 Credits.

This course emphasizes development of caring and critical thinking skills in providing evidence-based, family centered, culturally responsive nursing care to infants, children, and adolescents throughout the care continuum. Majors Only.

Requisites: Prerequisites, NURS 311, 330, and 352; Corequisite, NURS 410.

Grading status: Letter grade.

NURS 484. Public Health Nursing in Community Settings. 4 Credits.

Students apply evidence-based public health concepts to community practice to improve health and reduce disparities across the life span, emphasizing interventions using partnership strategies at individual, family, organizational, and policy levels. Majors only.

Requisites: Prerequisites, NURS 311, 330, and 352; corequisite, NURS 410.

Grading status: Letter grade.

NURS 487. Practicum in Nursing: Work-Study Experience. 3 Credits.

Certification as Nurse Aide I and II also required as pre- or corequisite. Majors only. This course provides the student an opportunity to participate in a work-study experience in participating health care agencies. Students participate in a reflective experience that integrates classroom and experiential learning.

Requisites: Prerequisites, NURS 254 and 364.

Grading status: Letter grade.

NURS 488. Practicum in Nursing: Health Services Improvement Work Experience. 3 Credits.

Majors only. Certification as a Nurse Aide I and Nurse Aide II are recommended. Practice in health care settings is the course focus. Students participate in a reflective experience that provides the context to integrate classroom and experiential learning into an evolving professional identity.

Requisites: Prerequisites, NURS 254 and 364.

Grading status: Letter grade.

NURS 489. Practicum in Nursing: Global Health Experience. 3 Credits.

Majors only. Certifications as a Nurse Aide I and Nurse Aide II are recommended. Practice in global health care settings is the course focus. Students participate in a reflective experience that provides the context to integrate classroom and experiential learning into an evolving professional identity.

Requisites: Prerequisites, NURS 254, 364, and two of the following: NURS 470, 472, 477, 479, 591.

Grading status: Letter grade.

NURS 491. Improving Nursing Practice: Application of Concepts, Theories, and Research. 3 Credits.

Majors only. This course emphasizes analysis of clinical problems that affect the nursing care of selected populations. Students also apply the nursing process, therapeutic communication skills, and teaching-learning principles in clinical situations.

Grading status: Letter grade.

NURS 492. Conceptual Bases of Professional Nursing Practice. 3 Credits.

Majors only. Selected concepts, theories, and models are synthesized, appraised, and applied as a basis for making judgments and decisions in nursing practice.

Grading status: Letter grade.

NURS 494. Community Health Nursing for the Public's Health. 3-6 Credits.

Majors only. Prepares R.N. students for population-focused practice in community health nursing. Analyses and applications of selected theories; health promotion/protection and disease prevention strategies are emphasized.

Grading status: Letter grade.

NURS 496. Advanced Practicum in Nursing. 1-3 Credits.

Majors only. The focus of this course is the development of knowledge and experience related to research or service learning and its application to the practice of nursing and health care.

Repeat rules: May be repeated for credit.

Grading status: Letter grade.

NURS 497. Preparation for Professional Practice. 1 Credit.

Seniors only or permission of the instructor. This course will assist students in preparation for the NCLEX-RN examination through a strategic and systematic individualized plan of study that utilizes the ATI program and other relevant resources. Limited enrollment.

Repeat rules: May be repeated for credit. 3 total credits. 3 total completions.

Grading status: Letter grade.

NURS 510. Management of the Critically Ill. 3 Credits.

This hybrid course, offered in collaboration with UNC Hospitals, focuses on collaborative management of critically ill adult patients. Students will gain advanced skills and demonstrate critical thinking to apply evidence based practice to care for critically ill patients across the continuum of care.

Requisites: Prerequisites, NURS 311 and 352; pre- or corequisite, NURS 430.

Grading status: Letter grade.

NURS 512. Care of Individuals with Cancer and their Families. 3 Credits.

This course focuses on the cancer experience of individuals and families across the lifespan (pediatric to older adults). The cancer control continuum framework will guide content focused discussions on prevention and risk reduction, screening, diagnosis, treatment, survivorship, and end-of-life care.

Requisites: Prerequisites, NURS 301 and 330; pre- or corequisite, NURS 352.

Grading status: Letter grade.

NURS 588. Leadership in Health Care Organizations. 4 Credits.

Majors only. This course explores organizational leadership and management practices and theories. Current social, economic, legal, ethical, and policy issues affecting practice, education, and the profession of nursing are examined.

Requisites: Prerequisites, NURS 364, 371, and 487 or 489, and 472 or 477 or 479. Corequisite, NURS 488.

Grading status: Letter grade.

NURS 591. Nursing Care of Adults with Major Health Problems, II. 8 Credits.

Majors only. This senior-level course focuses on applying critical thinking, clinical decision making, and evidence-based nursing practice to complex health problems of adults. Unique health needs of older adults are addressed.

Requisites: Prerequisites, NURS 364 and 371; co-requisite, NURS 456.

Gen Ed: EE- Field Work.

Grading status: Letter grade.

NURS 600. SHAC: Student Health Action Coalition. 0 Credits.

This course provides service-learning opportunities to apply nursing practice within the context of interprofessional care for vulnerable populations by participating with Student Health Action Coalition (SHAC) activities.

Repeat rules: May be repeated for credit. 0 total credits. 8 total completions.

Grading status: Pass/Fail.

NURS 601. Experiential Learning in Nursing. 0 Credits.

This course provides experiential educational opportunities to apply nursing practice through volunteer participation in select communities. Majors only.

Repeat rules: May be repeated for credit. 0 total credits. 8 total completions.

Grading status: Pass/Fail.

NURS 607I. Interprofessional Team Work and Communication - Key to Patient Safety. 3 Credits.

Majors only. This interprofessional course focuses on understanding roles, teamwork, and communication to improve patient safety within the health care environment. National standards and initiatives will be the foundation of the course. Pass/Fail only.

Grading status: Pass/Fail.

NURS 609. Health Care in the Global Context. 1 Credit.

Majors only or permission of the instructor. A faculty-led experiential learning opportunity focusing on development and knowledge related to research, health care systems, or service learning and its application to nursing and health care.

Repeat rules: May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

Grading status: Letter grade.

NURS 611. Supporting the Childbearing Family. 2 Credits.

Application required. An interprofessional, service-learning approach to studying maternity care. Students will receive professional doula training and volunteer as birth doulas within the Volunteer Doula Service Program at North Carolina Women's Hospital.

Grading status: Letter grade.

NURS 613I. Intermediate Spanish for Health Care I. 3 Credits.

This intermediate course is the equivalent of the third semester of college Spanish. Students will hone their listening and speaking skills in class primarily through role-playing activities and class discussion. Activities center on an original film set in a health clinic in rural North Carolina.

Grading status: Letter grade

Same as: PUBH 613, AHSC 613I, SOWO 613I.

NURS 614I. Intermediate Spanish for Health Care II. 3 Credits.

Permission of the instructor. This primarily e-learning course provides public health students with the opportunity to improve their oral communication skills in Spanish at the intermediate level via DVD, Web, and workbook. Instructor-led. Online course.

Requisites: Prerequisite, PUBH 613I.

Grading status: Pass/Fail

Same as: PUBH 614I, AHSC 614I, SOWO 614I.

NURS 615I. Advanced Spanish for Health Care I. 3 Credits.

Required preparation, third semester Spanish or equivalent. This advanced course reviews the grammar of the third and fourth semester of college Spanish. Students hone their listening and speaking skills through role-playing activities and class discussion. Activities center on an original film set in a Latino-run health clinic.

Grading status: Letter grade

Same as: PUBH 615, AHSC 615I, SOWO 615I.

NURS 642. Health Promotion and Illness Prevention in Advanced Nursing Practice. 2 Credits.**NURS 647. Contemporary Issues in the Role of Advanced Practice Nursing. 3 Credits.**

Graduate students only. This course examines the evolution, current issues, and roles in advanced practice nursing within the context of contemporary healthcare delivery.

Grading status: Letter grade.

NURS 671. Nursing Inquiry and Evidence-Based Practice for Advanced Scholarship. 3 Credits.

Students anticipating graduate study are introduced to scientific inquiry and principles of evidence-based practice, including theoretical perspectives related to inquiry; ethics; identification of research problems, development of research questions, and appropriate design; data interpretation with emphasis on statistical analysis; and rigorous appraisal of research reports.

Grading status: Letter grade.

NURS 675. Hillman Scholars in Nursing Innovation: Integrative Seminar. 1 Credit.

Admission to the Hillman Scholars Program in Nursing Innovation is required. This seminar will cultivate personal and professional skills essential for students' development and socialization as nurse innovators, leaders, researchers, and scholars. Content is iterative and progressive in depth and scope.

Repeat rules: May be repeated for credit.

Grading status: Letter grade.

NURS 680. Experimental Courses. 1-3 Credits.

Pilot test for new courses in the nursing program.

Repeat rules: May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

Grading status: Letter grade.

NURS 685I. Care of the Dying and Bereaved throughout the Life Span. 3 Credits.

Students from a variety of health sciences-related disciplines gain an understanding of issues in working with dying and bereaved individuals of all ages and their families.

Repeat rules: May be repeated for credit. 6 total credits. 2 total completions.

Grading status: Letter grade.

NURS 687. Ethical Issues in Nursing. 2 Credits.

Examination and discussion of major ethical issues arising in the professional practice of nursing in the context of systematic consideration of the nature of ethical choice.

Grading status: Letter grade.

NURS 691H. Honors in Nursing, Part I. 3 Credits.

Permission of the program director. Majors only. Preparation of a two-semester honors project under the direction of department advisors.

Gen Ed: EE- Mentored Research.

Grading status: Letter grade.

NURS 692H. Honors in Nursing, Part II. 3 Credits.

Permission of the program director. Majors only. Preparation of a two-semester honors project under the direction of department advisors.

Gen Ed: EE- Mentored Research.

Grading status: Letter grade.

Graduate-level Courses**NURS 703I. Alternative Medicine. 3 Credits.****NURS 704. Scientific Writing. 1 Credit.**

Focuses on the principles and practice of scientific writing, with emphasis on research proposals, theses, research reports, dissertations, and articles for publication.

Grading status: Letter grade.

NURS 710. Developmental Physiology and Pathophysiology. 3 Credits.

This course explores developmental changes in morphological processes and normal and pathologic physiology in humans from conception through adolescence. Physiological differences between infants and children and adults are emphasized.

Grading status: Letter grade.

NURS 715. Pathophysiology for Advanced Nursing Practice. 3 Credits.

This course examines the physiological and pathophysiological responses to injury-effects on cell function, host defense responses, maintenance of vital functions, and neuro-endocrine-immune responses to stress across the lifespan.

Grading status: Letter grade.

NURS 720. Pharmacotherapeutics in Advanced Nursing Practice. 3-4 Credits.

Examines principles of pharmacotherapeutic decision making in advanced nursing practice with application to clinical management of common health problems specific to all age groups, encompassing a life-span approach.

Requisites: Prerequisite, NURS 710 or 715.

Grading status: Letter grade.

NURS 721. Pediatric Pharmacology. 1 Credit.

The course will examine the principles of pharmacotherapeutic decision making in advanced nursing practice, with application to the clinical management of common health problems specific to pediatrics.

Requisites: Prerequisites, NURS 715 and 720; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 722. Psychopharmacology in Psychiatric-Mental Health Advanced Practice Nursing. 2 Credits.

Examines the principles of psychopharmacology and neurobiology for safe and effective psychotherapeutic management of individuals with psychiatric and mental health problems across the lifespan.

Requisites: Prerequisites, NURS 715, 726, and 727; co-requisite, NURS 720; permission of the instructor for students lacking the pre- and corequisites.

Grading status: Letter grade.

NURS 725. Advanced Health Assessment and Diagnostic Reasoning in Pediatric Nursing. 4 Credits.

This course is designed to prepare the advanced practice nurse to comprehensively assess pediatric clients using a diagnostic reasoning process.

Requisites: Pre- or corequisite, NURS 710.

Repeat rules: May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

Grading status: Letter grade.

NURS 726. Advanced Health Assessment and Diagnostic Reasoning in Primary Care. 4 Credits.

This course examines the process of diagnostic reasoning as a framework to synthesize comprehensive assessment of patients throughout the lifespan.

Requisites: Pre- or corequisite, NURS 715.

Grading status: Letter grade.

NURS 727. Advanced Diagnostic Process in Psychiatric-Mental Health Nursing. 4 Credits.

This course introduces students to the role of the advanced practice psychiatric-mental health nurse. Models for assessment, intervention, and evaluation are explored and tested clinically.

Requisites: Pre- or corequisites, NURS 715 and 726.

Grading status: Letter grade.

NURS 730. Foundations in Clinical Informatics: Data, Information, and Knowledge. 3 Credits.

Required preparation, graduate nursing program admission or instructor permission. This foundational course provides an overview of computer and information science concepts as applied to health care.

Grading status: Letter grade.

NURS 746. Health Care Policy in the United States: Development, Impacts, and Implications for Nurses. 3 Credits.

This course examines health care policy development, impacts, and prospects for change. Content enables nurses to draw implications for nursing practice and advocacy for improving systems.

Grading status: Letter grade.

NURS 776. Research for Advanced Clinical Practice. 3 Credits.

Graduate standing and successful completion of an undergraduate statistics course required. This course explores approaches to research problems in advanced practice nursing. Theories, methods, designs, measurement, ethical conduct, and skills in critical appraisal are emphasized.

Grading status: Letter grade.

NURS 777. Intermediate Statistical Applications in Health Care. 3 Credits.

Graduate standing required. This course provides an introduction to probability, statistical concepts, and analytical techniques useful in health care research and for interpreting the literature.

Grading status: Letter grade.

NURS 778. Interpreting Research Reports. 3 Credits.

For Nursing students admitted to the Graduate School. Focuses on approaches for critical reading of research reports to evaluate the evidence base for practice.

Grading status: Letter grade.

NURS 779. Synthesis and Translation of Evidence. 3 Credits.

Focuses on the translation of research evidence to support improved models of care delivery.

Requisites: Prerequisite, NURS 778; permission of the instructor for students lacking the prerequisite.

Grading status: Letter grade.

NURS 780I. Multidisciplinary Perspectives on Managing Diabetes Mellitus. 2 Credits.

This course examines the current issues involved in managing diabetes mellitus in persons over their life span. Contributions of the multidisciplinary team are an important theme throughout this course.

Grading status: Letter grade.

NURS 781I. Genomics and Society. 3 Credits.

This multidisciplinary course offers students the opportunity to gain a basic understanding of human genetics and explore the ethical, legal, and social implications of recent advances in genetics.

Grading status: Letter grade.

NURS 786. Advanced Concepts in the Clinical Care of Older Adults. 2 Credits.

Graduate students only. Focuses on advanced concepts for nursing management of older adults and their families with an emphasis on interdisciplinary care.

Grading status: Letter grade.

NURS 787. Cancer Care for Advanced Practice Providers. 1 Credit.

This course for MSN, DNP, and PhD students provides an understanding of management of adults across the cancer continuum (prevention, early detection, treatment, and beyond [survivorship, palliative care, end-of-life care]) for advanced practice providers regardless of practice setting.

Grading status: Letter grade.

NURS 788. Advanced Pharmacology in Oncology. 1 Credit.

Focuses on the pharmacologic management of drugs used for therapeutic management and supportive care in adult oncology.

Requisites: Prerequisites, NURS 715 and 720; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 789. Advanced Concepts in Oncology Nursing. 2 Credits.

Admission to Adult-Gerontology Nurse Practitioner program or permission of the instructor required. This course focuses on an evidence-based approach for the advanced practice nurse, incorporating pathophysiology; prevention/detection; medical treatment; nursing management; and socioeconomic, ethical, and legal issues related to adult cancer care.

Grading status: Letter grade.

NURS 790I. Population Health Interprofessional Management in a Changing Health Care System. 3 Credits.

Admission to the School of Nursing graduate program or graduate students in any of the Health Affairs Schools with permission of instructor. This interprofessional education course focuses on preparing healthcare professionals with the foundational skills needed to work in teams to effectively collaborate and coordinate care in population health.

Grading status: Letter grade

Same as: SOWO 790.

NURS 799. Special Problems. 1-3 Credits.**NURS 810. Primary Care Management of Adults. 5 Credits.**

Focuses on the management of illnesses common to young, middle, and older adults in ambulatory care.

Requisites: Prerequisites, NURS 715 and 726; pre- or co-requisite, NURS 720.

Grading status: Letter grade.

NURS 811. Selected Issues in Adult Health. 5 Credits.

Provides the opportunity for an in-depth examination of management strategies with selected health problems in adults. Also examines issues inherent in the management of women and elderly populations.

Requisites: Prerequisites, NURS 715, 720, 726, and 810; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 812. Management of Complex Health Problems in Adults. 6 Credits.

This capstone course focuses on the management of complex health problems in adult populations for the adult nurse practitioner.

Requisites: Prerequisites, NURS 715, 720, 726, 810, and 811.

Grading status: Letter grade.

NURS 815. Advanced Practice Nursing Role. 1 Credit.

Examines current advanced practice nursing roles issues, within the context of contemporary healthcare delivery, legal, and sociopolitical systems.

Requisites: Prerequisites, NURS 810, 840, or 860; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 819. Practicum in Primary Care Management of Adults. 2 Credits.

A precepted practicum in community-based ambulatory care settings that provides experiences in continuity of care in the delivery of personal health services to adult individuals and their families.

Requisites: Prerequisites, NURS 715, 720, 726, and 810.

Grading status: Letter grade.

NURS 820. Clinical Practicum in Advanced Oncology Nursing. 2-4 Credits.

Focuses on the evidence-based management of common acute, episodic, and chronic health problems in adult cancer patients for the oncology nurse practitioner.

Requisites: Prerequisites, NURS 688 and 699; Co-requisite, NURS 821; Permission of the instructor for students lacking the pre- and co-requisites.

Grading status: Letter grade.

NURS 821. Seminar in Advanced Oncology Nursing. 0.5 Credits.

Focuses on evidence-based nursing and medical management issues relevant to the care of patients and their families across the cancer continuum and practice settings.

Requisites: Prerequisites, NURS 788 and 789; co-requisite, NURS 820; permission of instructor for students lacking the co-requisite.

Grading status: Letter grade.

NURS 823. Advanced Practicum in Primary Care Management of Adults. 2 Credits.

This clinical capstone course prepares Adult Gerontology primary care nurse practitioner students to synthesize and apply concepts and knowledge critical for professional primary care advanced practice nursing with individuals, families and communities. Students' independent practice skills are refined in precepted clinical experiences.

Requisites: Prerequisites, NURS 715, 720, 726, 810, 811, and 812.

Grading status: Letter grade.

NURS 825. Sexual and Reproductive Health. 4 Credits.

Uses a life span approach to examine principles of primary care management of childbearing couples and sexual reproductive health in women and men. Application is in community-based settings.

Requisites: Prerequisites, NURS 715, 720, 726, and 810; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 826. Introduction to Population Health and Community-Based Practice. 2 Credits.

This course introduces fundamental concepts and models of population-oriented nursing practice and the central issues affecting that practice. Focuses on health disparities and underserved populations.

Grading status: Letter grade.

NURS 827. Child Health Issues in Primary Care. 4 Credits.

Examines the principles of assessment, management, evaluation, and continuing care of children in primary care settings. Developmentally-appropriate, family-centered approaches and management of common medical problems are addressed.

Requisites: Prerequisites, NURS 715, 720, 726, and 810.

Grading status: Letter grade.

NURS 828. Advanced Clinical Practicum in Primary Care of Families. 4 Credits.

This course is the capstone practicum for family nurse practitioner students. It emphasizes the comprehensive clinical management of primary health care needs in the context of the individual, the family, and/or the community.

Requisites: Prerequisites, NURS 715, 720, 726, 810, 825, and 827.

Grading status: Letter grade.

NURS 833. Specialty Care in the Health of Women. 4 Credits.

Focuses on the primary care of women with complex gynecological problems, reproductive complications, and socially derived health care problems. Emphasis is placed on assessment, diagnosis, management, and clinical decision making.

Requisites: Prerequisites, NURS 715, 720, 726, 810, and 825; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 835. Population Health and Epidemiology. 3 Credits.

Admission to Nursing graduate program. Focuses on epidemiologic approaches for studying the impact of social, economic, and cultural inequalities on health and illness patterns at population and clinical levels.

Grading status: Letter grade.

NURS 838. Health Care of Women Practicum. 1-5 Credits.

The women's health care advanced practicum focuses on the synthesis and clinical management of primary health care and specialty health care problems of women.

Requisites: Prerequisites, NURS 715, 726, 810, 825, and 833.

Grading status: Letter grade.

NURS 840. Primary Care of Children. 5 Credits.

This course focuses on advanced practice nursing management of common clinical symptomatology and problems in pediatric primary care.

Requisites: Prerequisites, NURS 710 and NURS 725; Pre- or co-requisite, NURS 720; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 841. Advanced Concepts in Family-Centered Health Care of Children and Adolescents. 4 Credits.

Focuses on advanced concepts in family-centered health care of selected child and adolescent health problems. Students function in an advanced practice role working with children, adolescents, and their families in primary care, acute, and/or chronic illness settings.

Requisites: Prerequisites, NURS 710, 725, and 840; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 842. Management of Complex Conditions in Advanced Practice Pediatric Nursing. 4 Credits.

permission of the instructor for students lacking the pre- or corequisites. This course prepares the advanced practice nurse to design, implement, and evaluate a coordinated system of interventions that aim to promote optimal health and maximize outcomes for infants, children, and adolescents with complex conditions.

Requisites: Pre- or corequisites, NURS 710, 720, and 840;

Grading status: Letter grade.

NURS 849. Clinical Practicum in Advanced Practice Pediatric Nursing. 1-5 Credits.

Supervised practicum in an advanced practice role in a selected health care setting that provides primary care and/or specialized health care to infants, children, or adolescents.

Requisites: Prerequisites, NURS 710 and 725; Co-requisites, NURS 720 and 840; Permission of the instructor for students lacking the pre- or co-requisites.

Grading status: Letter grade.

NURS 850. Advanced Clinical Practicum in Primary Care of Children. 2-3 Credits.

This course is the capstone practicum for pediatric nurse practitioner students. It emphasizes the comprehensive clinical management of primary health care needs of children in the context of the family.

Requisites: Prerequisites, NURS 710, 720, 725, 840, 841, and 842.

Grading status: Letter grade.

NURS 860. Psychiatric Nursing Interventions with Individuals. 5 Credits.

Focuses on theories, techniques, and research related to providing individual psychotherapy. Contextual factors affecting the delivery of psychiatric-mental health nursing services are analyzed.

Requisites: Prerequisites, NURS 715, 726 and 727; Pre- or co-requisites, NURS 720, 722.

Grading status: Letter grade.

NURS 863. Psychiatric-Mental Health Nursing for Underserved Populations. 3 Credits.

Utilizing epidemiology, psychoeducation, case management, and health policy, students examine the scope of mental health problems and services for underserved populations.

Requisites: Prerequisites, NURS 727 and 860.

Grading status: Letter grade.

NURS 864. Psychiatric-Mental Nursing Interventions: Families and Groups. 4 Credits.

Students will analyze theories, techniques, and research relevant to therapy with groups and families experiencing mental health problems.

Requisites: Prerequisites, NURS 715, 720, 722, 726, 727, 860 and 865; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 865. Psychiatric-Mental Health Nursing Interventions with Children. 2 Credits.

Students will analyze theories, techniques, and research relevant to therapeutic interventions with children experiencing mental health problems.

Requisites: Prerequisites, NURS 715, 720, 722, 726, 727, and 860; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 868. Management of Complex Psychiatric-Mental Health Problems Across the Lifespan. 6 Credits.

This course focuses on the management of complex psychiatric-mental health problems across the lifespan for the psychiatric-mental health nurse practitioner.

Requisites: Prerequisites, NURS 715, 720, 722, 726, 727, 860, 864, and 865; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 869. Practicum in Psychiatric Mental Health Care for Advanced Practice Nurses. 1-3 Credits.

This is the final advanced clinical course for students to apply knowledge and skills in selected domains of the advanced practice of psychiatric-mental health nursing. Supervision, peer evaluation, seminar, and independent readings will enhance the experience.

Requisites: Prerequisites, NURS 727, 860, 863 and 864; permission of the instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 870. Health Care Informatics. 3 Credits.

Focuses on developing an understanding of the concepts relevant to health care informatics and the use of computerized information systems, as well as the use of computer applications to support clinical and administrative decision making.

Grading status: Letter grade.

NURS 871. Leadership and Advanced Practice Roles in Health Care Organizations. 3 Credits.

This course examines health care and nursing practice organizations, and the influence of the external and internal environment on these organizations. Roles and functions of nurses at different levels and in different types of health care settings are explored.

Grading status: Letter grade.

NURS 872. Developing and Managing Human Resources in Health Systems. 3 Credits.

Explores the knowledge and skills required for effective human resource management. Managerial behaviors that promote and maintain a professional nursing practice environment are emphasized.

Grading status: Letter grade.

NURS 873. Financing for Valued-Based Care. 3 Credits.

Admission to graduate program. This course examines theoretical underpinnings and financial management concepts that pertain to costs, cost analysis, budgeting, variance analysis, staffing, productivity, and forecasting to prepare nurse leaders for decision-making in complex health care organizations.

Grading status: Letter grade.

NURS 874. Improving Quality, Safety, and Outcomes in Healthcare Systems. 3 Credits.

Majors only. Explores theories and methods for improving the quality, safety, and outcomes of care and patient and organizational levels, with emphasis on the quality and patient safety movement, improvement science, and evidence based practice.

Grading status: Letter grade.

NURS 875. Principles of Teaching Applied to Nursing. 3 Credits.

Provides students who have had minimal or no teaching experience with the educational principles necessary to teach in nursing programs or health care settings.

Grading status: Letter grade.

NURS 876. Innovations in Nursing and Health Care Curricula. 3 Credits.

This online course examines foundations of contemporary nursing and health care education, including academic, staff development, patient education programs, and lifelong learning.

Grading status: Letter grade.

NURS 878. Health Care Residency and Integrative Seminar. 5-6 Credits.

Required preparation, all required courses for the HCS specialty or concurrent enrollment in final HCS coursework. Course provides students an opportunity to develop, implement, and evaluate advanced practice and leadership strategies in a Health Care Systems area of focus.

Grading status: Letter grade.

NURS 879. User-Centered Analysis and Design of Health Care Information Systems and Interfaces. 3 Credits.

This course combines user-centered design theories, the science of systems analysis and design, and usability in health care, supported by real-world exercises in a simulated environment.

Requisites: Prerequisites, NURS 730 and 870; permission of instructor for students lacking the prerequisites.

Grading status: Letter grade.

NURS 880. Advanced Assessment for Nursing Leadership. 4 Credits.

This course focuses on advanced assessment for identifying evidence-based interventions across a variety of healthcare settings. Emphasis is on the application of tools to implement changes related to care delivery and coordination at the client, unit, and organizational levels.

Grading status: Letter grade.

NURS 881. Evidence Based Care for Clinical Nurse Leaders. 6 Credits.

Advanced clinical nurse leadership course emphasizing collaboration with key stakeholders to implement evidence-based interventions and improve care delivery in clinical systems.

Requisites: Pre- or corequisites, NURS 715 and 880.

Grading status: Letter grade.

NURS 882. Clinical Teaching. 3 Credits.

Graduate standing required. Prepares nurses for teaching in clinical settings. Focuses on how to develop a clinical course, select clinical settings, work with staff, plan teaching methods and learner activities, and evaluate outcomes.

Grading status: Letter grade.

NURS 899. Special Topics in Nursing. 1-6 Credits.

Special topics with an authority in the field.

Repeat rules: May be repeated for credit; may be repeated in the same term for different topics.

Grading status: Letter grade.

NURS 901. Clinical Scholars in Nursing Innovation I. 6 Credits.

The first of two courses designed to enhance scholars' understanding of nursing practice and care delivery within clinical microsystems. Students engage in individualized, precepted clinical experiences and guided scholarly reflection.

Requisites: Prerequisite, students must be Hillman Scholars; licensed as an RN in NC and enrolled full-time in the PhD program.

Grading status: Letter grade.

NURS 902. Clinical Scholars in Nursing Innovation II. 6 Credits.

Second sequential course for doctoral students designed to extend scholars' understanding of nursing practice and develop identity as a nurse scientist. Scholars engage in individualized, precepted clinical experiences and guided scholarly reflection.

Requisites: Prerequisite, NURS 901.

Grading status: Letter grade.

NURS 912. Theoretical Foundations of Scientific Inquiry. 3 Credits.

Critically analyzes historical and current views of knowledge development and scientific development. It examines the underlying ontological and epistemological assumptions of these views and how they influence scientific inquiry. Students will learn to critically evaluate extant theories, concepts, and models for use in research, including their testability and utility.

Grading status: Letter grade.

NURS 915. Health Organization Policy. 3 Credits.

Examines interrelated changes in nursing, ethical and legal expectations, and the organization of health care and health policy. Ways that nurse leaders in health care organizations adapt to and challenge public policies throughout the policymaking process and consequences for organizations and for health, practice, research, and education are explored.

Grading status: Letter grade.

NURS 920. Theoretical Foundations of Advanced Practice. 3 Credits.

Admission to Nursing graduate program. This course provides a foundation philosophy of science, examines the elements and utility of theory, and explores key theories of practice, including theories from nursing and other disciplines.

Grading status: Letter grade.

NURS 928. Organizational Theories. 3 Credits.

Examines the major theoretical paradigms, perspectives, and issues in organization theory, particularly as applied to organizations providing health care services.

Grading status: Letter grade.

NURS 930. Children at Risk: Prenatal Period Through Emerging Young Adulthood. 3 Credits.

This course will apply ecological and developmental perspectives to research with children at risk for conditions threatening life/quality of life and resilience under risk. Emphasis is on critically evaluating conceptual models, designs, and methods, and responsible conduct of research aiming to understand, prevent, or manage risk.

Grading status: Letter grade.

NURS 932. Families and Health. 3 Credits.

Explores theoretical, methodological, and ethical issues related to research in families and health across the life span. Content includes family research related to health promotion, risk reduction, vulnerability, and health risk, and the family in the context of acute and chronic illness. Cultural, ethnic, and socioeconomic issues are included.

Grading status: Letter grade.

NURS 933. Health Care Quality and Patient Outcomes: Conceptual and Empirical Approaches. 3 Credits.

Examines literature on quality of care – effectiveness, safety, efficiency, equity, timeliness, and patient-centeredness. Critically evaluates conceptual frameworks, research designs, sources of data, analytic approaches, and implications for health care policy.

Requisites: Prerequisite, NURS 976; permission of the instructor for students lacking the prerequisite.

Grading status: Letter grade.

NURS 941. Practice Inquiry I. 2 Credits.

permission of the instructor for students lacking the pre- or corequisite. Course and project hours focused on identifying an evidence-based clinical practice question and resources necessary to support the DNP Project.

Requisites: Pre- or corequisite, NURS 778;

Grading status: Letter grade.

NURS 942. Practice Inquiry II. 2 Credits.

Pre- or Permission of the instructor for students lacking the prerequisites or co-requisites. Course and project hours focused on methodologies for planning and implementing the DNP Project.

Requisites: co-requisites, NURS 778, 779, 941;

Grading status: Letter grade.

NURS 943. Practice Inquiry III. 2 Credits.

permission of the instructor for students lacking the pre- or corequisites. Course and project hours focused on issues related to the implementation, evaluation, and dissemination findings of the DNP Project.

Requisites: Pre- or corequisites, NURS 778, 779, 941, 942, and 994;

Grading status: Letter grade.

NURS 950. Analysis of the Academic Role in Nursing Education. 3 Credits.

Knowledge, theories, and skills necessary for transition into an academic teaching role in university schools of nursing. Particular emphasis on the teaching-learning process as used in higher education.

Grading status: Letter grade.

NURS 951. Mentored Teaching Practicum. 1-3 Credits.

Admission to the PhD program in nursing and successful completion of qualifying examination. Permission of the instructor for students lacking the prerequisites. Application of educational theory and methods in teaching activities with mentor. Provides opportunities to analyze course design, implement objectives, evaluate student competencies, and practice in teaching methods.

Requisites: Prerequisites, NURS 875 or NURS 950.

Repeat rules: May be repeated for credit. 3 total credits. 3 total completions.

Grading status: Letter grade.

NURS 953. Ethics and Law in Health Care and Research. 3 Credits.

Focuses on the analysis of contemporary ethical/legal dilemmas in health care and research. Examines nurses' ethical/legal responsibilities, law and the impact of judicial precedent upon clinical practice and research, the interface of law and ethics, and comparative theories/models of ethical reasoning and decision-making.

Grading status: Letter grade.

NURS 957. From Theory to Intervention and Implementation. 3 Credits.

Required preparation, NURS 912 or graduate level theory course. In-depth exploration of selected programmatic research in nursing and related fields on prevention and management of chronic conditions in order to generate and evaluate treatment theory and intervention protocol.

Grading status: Letter grade.

NURS 958. Designing Intervention Studies. 3 Credits.

Examines methodological, ethical, and practical issues in the design and implementation of theory-based intervention studies.

Requisites: Prerequisite, NURS 957; permission of the instructor for students lacking the prerequisite.

Grading status: Letter grade.

NURS 959. Research Grant Writing. 3 Credits.

Course is designed to assist doctoral students and post-docs with preparation of Individual National Research Service Award (NRSA) or other research grant application. All steps in grant writing process will be addressed. Student should have solidified research idea prior to course. Mentor must agree to work with student throughout course.

Grading status: Letter grade.

NURS 960. Proseminar in Nursing. 1-3 Credits.

Proseminars are offered for one, two, or three credits. Topics differ each semester.

Grading status: Letter grade.

NURS 962. Conducting Systematic Reviews and Writing Specific Aims. 4 Credits.

Designed to develop students' skills in conducting systematic reviews of the literature in their area of research focus. In addition, students will gain proficiency in developing aims for a research study and in using findings from their systematic literature reviews to further develop and refine those aims.

Grading status: Letter grade.

NURS 963. Writing for Publication. 3 Credits.

In this course, students apply principles and practices of writing to the preparation of manuscripts for publication.

Grading status: Letter grade.

NURS 965. Issues in Gerontological and Geriatric Research. 3 Credits.

This course is designed to enhance the student's knowledge of relevant issues researchers face when planning, designing, and implementing research with an older adult population.

Grading status: Letter grade.

NURS 966. Implementing Health System Innovations in Complex Organizations. 4 Credits.

permission of the instructor for students lacking the pre- or corequisites. Explores the application of implementation science and other relevant theory, focusing on the role of the executive nurse in integrating innovations into complex systems.

Requisites: Pre- or corequisite, NURS 779, 871, 873, 874;

Grading status: Letter grade.

NURS 967. Financing and Economics of Health Care Systems. 3 Credits.

permission of the instructor for students lacking the pre- or corequisites. Examines economic perspectives addressing health financing and policy questions, including: incentives and tradeoffs in healthcare decisions; healthcare production and provision; health insurance markets; and the role of government.

Requisites: Pre- or corequisite, NURS 779, 915 or 746, 871, 873, 874;

Grading status: Letter grade.

NURS 968. Writing the Pre-/Post-Doctoral Training Plan for a Research Intensive Career. 2 Credits.

Explore components of and rationale for a pre-/post-doctoral training plan and its relevance for planning a research intensive career. Students will write a personalized training plan following grant criteria.

Requisites: Prerequisite, Graduate status or permission of the instructor; NURS 959 or equivalent (including postdoctoral status); permission of primary mentor.

Grading status: Letter grade.

NURS 969. Quantitative Data Analysis: Analyzing Health Care Systems. 3 Credits.

Focuses on applying statistical concepts to the analysis of real world health care administration problems or issues, including the evaluation and presentation of the results.

Requisites: Prerequisite, NURS 874, 778, or 779; permission of the instructor for students lacking the prerequisite.

Grading status: Letter grade.

NURS 972. Statistical Models for Health Research. 4 Credits.

This course will examine principles of bivariate and multiple regression and correlation, as well as univariate ANOVA, multiple ANOVA, ANCOVA, and repeated measures ANOVA. Emphasis is on application of these techniques in the analysis of nursing and health-related data.

Requisites: Prerequisite, NURS 671 or 777; permission of the instructor for students lacking the prerequisite.

Grading status: Letter grade.

NURS 976. Issues in Sampling and Design. 3 Credits.

Systematic and critical analysis of quantitative research designs including experimental, quasi-experimental, longitudinal, comparative, correlational, and descriptive. Examines sampling frameworks, types of samples, sampling errors and biases, and advantages and disadvantages of these designs for the study of nursing and healthcare issues.

Grading status: Letter grade.

NURS 977. Qualitative Approaches to Knowledge Development. 3 Credits.

Examines the philosophical orientation and techniques of qualitative methodologies including qualitative description, grounded theory, ethnography, and narrative. Design issues related to sampling, data collection, data analysis, and data re-presentation, validation, rigor, and ethical concerns are considered.

Grading status: Letter grade.

NURS 978. Principles of Measurement. 3 Credits.

Required preparation, graduate level statistics course in the previous three years. Permission of the instructor for students lacking the required preparation. Examination of measurement and techniques for assessing validity, reliability, and structure of data collection instruments. Instrument construction and procedures for critical evaluation of instruments are included.

Grading status: Letter grade.

NURS 979. Qualitative Analysis. 3 Credits.

Required preparation, doctoral level qualitative methods course or NURS 977. Emphasizes the work of analysis and interpretation. Students apply relevant qualitative techniques to their own data.

Grading status: Letter grade.

NURS 980. Observational Methods. 3 Credits.

Explores quantitative observational research techniques. Strategies for developing coding systems, determining reliability and validity, and analyzing data are included.

Grading status: Letter grade.

NURS 981. Longitudinal Methods and Analysis. 3 Credits.

Examines longitudinal research methods, including conceptualization, design, and analysis. Assumptions and limitations of longitudinal statistics, relationship between design and analyses, and strategies to maintain scientific integrity are covered.

Requisites: Prerequisite, NURS 972; permission of the instructor for students lacking the prerequisite.

Grading status: Letter grade.

NURS 985. Research Seminar and Practicum: Guided Individual Research Experience. 1-6 Credits.

Directs students to develop research skills related to the dissertation and to their future research.

Repeat rules: May be repeated for credit; may be repeated in the same term for different topics.

Grading status: Letter grade.

NURS 986. Elective Doctor of Nursing Practice Residency. 1-3 Credits.

This course focuses on the synthesis of knowledge related to advanced practice, practice leadership, and practice inquiry and is composed of a residency related to the DNP project.

Requisites: Prerequisites, NURS 941, 942 or 943.

Repeat rules: May be repeated for credit. 6 total credits. 3 total completions.

Grading status: Letter grade.

NURS 992. Master's (Non-Thesis). 3 Credits.**NURS 993. Master's Research and Thesis. 3 Credits.****NURS 994. PhD Dissertation/DNP Project. 3 Credits.**