

Nursing (N)

N 107, 207, 307 Topics in Nursing 1-3 Hours

N 307R Women's Reproductive Health for Nonscience Majors 3 Hours
Overview of contemporary women's reproductive health issues, with emphasis on historical, physiological, psychosocial, and cultural influences that affect the reproductive health of women during adolescence, the childbearing years, and midlife.

N 309 Global Health 3 Hours
Overview of global health, with emphasis on the determinants of health, health indicators, human rights, globalization, current socioeconomic factors, health care systems, and public health systems.

N 310 Communication in Health Care Settings 3 Hours
Introduction to theories and models of communication in relation to health care; basic factors affecting interpersonal communication in health care settings.

N 117H Introduction to Nursing Scholarship: Honors Seminar 1 Hour
Introduction to the nature of nursing scholarship, along with related research and clinical and educational career opportunities. Topics include leadership, research, and ethics as they relate to nursing.

N 119, 219, 319, 419, 519, 619 Topics in International Learning Seminars 1-6 Hours
Discussion of various issues related to the academic, cultural, and personal aspects of completing academic work in international locations.

N 119S, 219S, 319S, 419S, 519S, 619S, 719S, 819S, 919S Topics in Nursing 1-9 Hours
This course is used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the School of Nursing. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program.

N 320 Introduction into Patient-Centered Nursing Care 3 Hours
Examines the profession of nursing and introduces the concept of nursing process as a framework for patient-centered care of younger and older adults. Special emphasis will be placed on topics that apply to the bio-psycho-social-spiritual needs of the aging adult.

N 321 Ethics of Health Care 3 Hours
Examination of ethical issues of health care and related legal concerns; contradictions, inconsistencies, and competing views that lead to dilemmas in health care.

N 321H Ethics of Health Care: Honors 3 Hours
Ethical issues in health care and related legal concerns; contradictions, inconsistencies, and competing views that lead to dilemmas in health care. Emphasis on resolving ethical dilemmas through ethical reasoning and ethical obligations in health professional-patient relationships; and just allocation of scarce health care resources.

N 223, 323 Genetics in Health Care 2-3 Hours
The integration of genetic information into nursing practice, including ethical, legal, psychological, and social issues.

N 224 Health Assessment Skills 2 Hours
Discussion, application, and documentation of health assessment skills needed to provide data for health promotion and nursing interventions.

N 325 Adult Health Nursing I 3 Hours
Discussion of the concepts necessary to promote and restore the health of adults with biological problems including related physiological and psychological responses.

N 325P Adult Health Nursing I (Practicum) 3 Hours
Application of the concepts and theories necessary to promote and restore health of adults with biological problems; related physiological and psychological responses.

N 127P Clinical Nursing Skills I (Practicum) 1 Hour
Laboratory instruction and practice in clinical nursing skills.

N 128S, 228S, 328S, 428S, 528S, 628S, 728S, 828S, 928S Topics in Nursing 1-9 Hours
This course is used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the School of Nursing. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program.

N 129M, 229M, 329M, 429M, 529M, 629M Topics in International Learning Seminars 1-6 Hours
Discussion of various issues related to the academic, cultural, and personal aspects of completing academic work in international locations.

N 137, 237, 337 Topics in Independent Study 1-3 Hours
Study in a specific area; topic and mode of study are agreed upon by student(s) and instructor.

N 338 Complementary and Alternative Medicine in Health Care 3 Hours
Overview of representative Complementary and Alternative Medicine (CAM) modalities and their role in shaping an emerging wellness-oriented, patient-centered model of care. Evaluation of current research evidence of CAM therapies in four domains: mind-body medicine, biologically based practices, manipulative and body-centered therapies, and energy medicine. Includes a hands-on experiential component for familiarization of some fundamental CAM concepts.

N 244 Perinatal Nursing Care 2 Hours
Examine concepts, theories, and processes essential to understanding the health concerns and problems of women and their families during the childbearing years.

N 344P Perinatal Nursing Care Practicum 3 Hours
Apply concepts, theories, and processes pertinent to care of women and their families during the childbearing years.

N 147, 247, 347 Specialized Topics in Nursing 1-3 Hours

N 147.1, 247.1, 347.1 Informatics in Health Care and Nursing 1-3 Hours

N 147.10, 247.10, 347.10 Child Wellness Center (Practicum) 1-3 Hours

N 147.11, 247.11, 347.11 Children with Chronic Illness in the Community 1-3 Hours

N 147.12, 247.12, 347.12 Clinical Nursing Preceptorship 1-3 Hours

N 147.13, 247.13, 347.13 Community-Oriented Ambulatory Nursing 1-3 Hours

N 147.14, 247.14, 347.14 Genetics in Clinical Nursing (Practicum) 1-3 Hours

N 147.15, 247.15, 347.15 Home Health Nursing 1-3 Hours

N 147.16, 247.16, 347.16 Pediatrics in the Community 1-3 Hours

N 147.17, 247.17, 347.17 Well Children in the Community 1-3 Hours

N 147.2, 247.2, 347.2 Acute Care Pediatrics 1-3 Hours

N 147.3, 247.3, 347.3 Cardiovascular Nursing 1-3 Hours

N 147.4, 247.4, 347.4 Childbearing Nursing Elective 1-3 Hours

N 147.5, 247.5, 347.5 Critical Care Nursing 1-3 Hours

N 147.6, 247.6, 347.6 High-Risk Maternity 1-3 Hours

N 147.7, 247.7, 347.7 Pediatrics 1-3 Hours

N 147.8, 247.8, 347.8 Perioperative Nursing 1-3 Hours

N 147.9, 247.9, 347.9 Special Topics in Pediatrics 1-3 Hours

N 250 Interprofessional Collaborative Practice 2 Hours

Focuses on developing the competencies needed for interprofessional collaborative practice among health care professionals. Core interprofessional competencies addressed include: values and ethics for interprofessional practice; knowledge of roles and responsibilities of different health professions; interprofessional communication; and teams and teamwork.

N 152, 252 Career Planning and Professional Development 1-2 Hours

Develop foundational knowledge and skills needed to launch a successful career in health care. Explore career management and professional development as a continuous lifelong process.

N 354 Spanish for Health Care Professionals 3 Hours

Basic medical Spanish language skills and phrases related to assessment and nursing activities. Focus on the cultural values of Latino patients who seek health care in the United States.

N 255C Adult Health Nursing IIA 2 Hours

First of a two-part sequence in adult health nursing. Advanced concepts and theories to promote and restore health of adults with biological problems and related physiological and psychological responses.

N 255D Adult Health Nursing IIB 2 Hours

Second part of a two-part sequence in adult health nursing. Advanced concepts and theories to promote and restore health of adults with biological problems and related physiological and psychological responses

N 355P Adult Health Nursing II (Practicum) 3 Hours

Application of advanced concepts and theories to promote and restore health of adults with biological problems and their related physiological and psychological responses.

N 356 Mental Health Nursing across the Life Span 3 Hours

Biological, environmental, cultural, and interpersonal factors predisposing individuals across the life span to mental health problems. The course is organized around the nursing process, as well as multidisciplinary therapeutic modalities, that assist the individual and family to adapt, recover, and grow through these problems. Current relevant research, and the sociocultural, legal, and ethical implications of providing nursing care to the mentally ill.

N 256P, 356P Problems in Mental Health Nursing (Practicum) 2-3 Hours

Application of strategies for the care of individuals, groups, and families experiencing mental health problems.

N 157P Clinical Nursing Skills II Practicum 1 Hour

Laboratory instruction and practice in clinical nursing skills.

N 264 Nursing Research 2 Hours

An introduction to key components of the research process, interpretation of basic statistics in research, and critical examination of patient-outcome research studies.

N 264H Nursing Research: Honors 2 Hours

An introduction to key components of the research process, interpretation of basic statistics in research, and critical examination of patient-outcome research studies.

N 266 Nursing Care of Children and Their Families 2 Hours

Concepts, theories, and developmental processes essential to the health concerns and problems of children, adolescents, and their families.

N 366P Nursing Care of Children and Their Families Practicum 3 Hours

Application of concepts, theories, and developmental processes essential to the health concerns and problems of children, adolescents, and their families.

N 371 Disability over the Life Course 3 Hours

An interdisciplinary introduction to the study of disability as a distinct social and clinical concept with practical and theoretical implications for health care. Focus on the changing needs of persons with disabilities over the life course. Explores how to understand the health needs of persons with disabilities and how to work with them and their families so they may negotiate environments with appropriate accommodations that meet their health care needs.

N 172 International Health Implications 1 Hour

Explore global substantive and methodological content to enhance an understanding beyond the United States. Examine the cultural and socioeconomic variability between countries as part of key indicators of understanding.

N 273 Quality and Safety for Nursing Practice 2 Hours

Designed to prepare students for professional nursing practice. Provides opportunities for synthesis of theoretical, evidence-based, and clinical knowledge with emphasis on quality care and patient safety.

N 274 Complex Nursing Care 2 Hours

Addresses the management of complex and critical needs of patients and their families across the continuum of care. The focus will be on people with multiple chronic conditions experienced by various populations such as age groups, disease/health conditions, and settings. In addition, transitional care, critical care concepts, palliative, and end-of-life care will be explored.

N 275 Public Health Nursing 2 Hours

Presents public health nursing concepts, theories, and processes used in health promotion, disease or injury prevention, health protection, and risk reduction with individuals, families, groups, communities, and populations.

N 375P Public Health Nursing Practicum 3 Hours

Application of public health nursing concepts, theories, and processes used in health promotion, disease or injury prevention, health protection, and risk reduction with individuals, families, groups, communities, and populations.

N 377 Leadership and Management of Nursing Care 3 Hours

Investigation, synthesis and application of laws, rules, theories and concepts in nursing leadership and management that promote professional nursing practice and healthcare leadership in diverse settings.

N 377H Leadership and Management of Nursing Care: Honors 3 Hours

Investigation, synthesis and application of laws, rules, theories and concepts in nursing leadership and management that promote professional nursing practice and healthcare leadership in diverse settings.

N 277P, 377P Clinical Care Management Practicum 2-3 Hours

Application of selected concepts and theories of management in the planning and delivery of health care.

N 279P Capstone Preceptorship 2 Hours

Designed to provide students with clinical experiences similar to those that confront newly employed registered nurses. Focuses on the role transformation of students and on clinical competence in communication, collaboration, negotiation, delegation, coordination, and evaluation of interdisciplinary work.

N 280C, 380C Psychopharmacology for Advanced Practice Nurses 2-3 Hours

Covers prescribing and monitoring medications commonly used with patients who have psychiatric or mental health problems.

N 280D Family Care Concepts in Psychiatric-Mental Health Nursing 2 Hours

Explore psychiatric-mental health nursing care for families with complex relational problems. Discover applications of theoretical, ethical, and evidence-based practices to formulate delivery of culturally sensitive care within the family context. Examine common practices, with emphasis on critical thinking skills inherent to the role of the Psychiatric-Mental Health Nurse Practitioner (PMHNP).

N 380F Advanced Psychiatric and Mental Health Nursing I 3 Hours
Studies the theory and evidence bases for diagnosis and management of a variety of common psychiatric and behavioral disorders. Emphasizes diagnostic reasoning, clinical decision-making, and therapeutic strategies appropriate for the role of the family psychiatric and mental health nurse practitioner. Considers the sociocultural and community context for patient care.

N 380G, 480G Advanced Psychiatric and Mental Health Nursing I: Clinical 3-4 Hours

A precepted, clinical environment in which to apply knowledge related to biological and psychosocial theories, pharmacology, health promotion, and ethics to patients and families with common psychiatric and behavioral disorders. Emphasis is placed on role development using standardized procedures and tools that assist in diagnosis, treatment, and developing beginning-level therapy skills in multiple modalities.

N 280H, 380H Advanced Psychiatric-Mental Health Nursing II 2-3 Hours

In-depth focus on the role of the family psychiatric and mental health nurse practitioner using theoretical bases for care of complex psychiatric and mental health patients with psychopathology in a variety of settings across the life span. Students integrate various biological and psychosocial theories with psychopharmacology, health promotion, and ethical decision-making to develop culturally sensitive care. Emphasizes evidenced-based practices, recommended practices and treatment protocols, ethical decision making, and critical thinking strategies that are integral to the role of the family psychiatric and mental health nurse practitioner.

N 480J Advanced Psychiatric and Mental Health Nursing II: Clinical 4 Hours

Studies the role of the advanced psychiatric and mental health nurse practitioner in providing care for patients and families with complex psychopathology and psychiatric and mental health problems in a variety of clinical settings. Knowledge from biological and psychosocial theories, psychopharmacology, health promotion, and ethics to develop culturally sensitive care. Emphasizes role development, evidenced-based practices, recommended practices and treatment protocols, ethical decision making, and critical thinking strategies.

N 380M Topics in Historical and Philosophical Study of Nursing 3 Hours

N 380M.1 Philosophical Aspects of Nursing 3 Hours
Introduction to the analysis of nursing language: defining terms, detecting logical fallacies, analyzing meanings, and recognizing descriptive and normative aspects of judgments.

N 380M.2 Historical Development of Nursing 3 Hours
In-depth study of the history of nursing, with emphasis on influences on the profession and changes that have occurred within it. Review of the association of nursing with related disciplines, its emergence into institutions of higher learning, organizational structure and hierarchy, changes in educational focus resulting from the preparation of educational leaders, and related topics.

N 380M.3 Philosophy of Nursing Theory 3 Hours
Advanced seminar in the application of philosophical aspects of nursing theory.

N 380M.4 Philosophical and Theoretical Bases of Nursing Science 3 Hours

Philosophical principles and theories that contribute to the ongoing evolution of nursing science. Explores the historical development of nursing as a professional discipline in the context of philosophy and science.

N 480Q Psychiatric Assessment and Psychotherapy Skills 4 Hours
Introduces psychiatric-mental health assessment of individuals and families throughout the life span, using established therapeutic communication techniques, individual psychotherapeutic modalities, and psychotherapy skills from evidence-based practices. Covers synthesis of theories and knowledge from nursing, biology, psychiatry, psychology, and socio-cultural studies as they apply to the comprehensive assessment of psychiatric clients. Focus on assessment and psychotherapy skills commensurate with the role of the PMHNP through didactic, experiential and observational practice in the classroom.

N 480T PMHNP: Management of Chronic Illness 4 Hours

Analysis and application of physiological, psychosocial, spiritual, and environmental concepts to treat selected patients with chronic illness. Focus on dynamics of chronic illness and related psychiatric mental health nurse practitioner roles. Explores concepts relevant to the management of complex and chronic health care problems often comorbid with psychiatric illness. Includes supervised instruction in clinical agencies.

N 380U Spanish for Health Care Professionals 3 Hours

Basic medical Spanish language skills and phrases related to assessment and nursing activities. Focus on the cultural values of Latino patients who seek health care in the United States.

N 281C, 381C Health Informatics 2-3 Hours

Information and communication technologies are increasingly being applied to the healthcare context, with many new jobs opening up in areas such as health information management, electronic health records, and consumer and public health informatics. Explores the challenges and career opportunities provided by these recent developments. Discusses major issues-social, cultural, political, economic, technological, historical, and ethical-associated with health informatics.

N 381D Leadership Development for Healthcare Professionals 3 Hours

Examines leader-follower partnerships in diverse healthcare settings. Uses theories, research findings, and expert opinions from several fields of study to explore the related concepts of power, authority, influence, leadership, followership, decisional involvement, structural empowerment, and emotional intelligence in the context of complex healthcare work environments. Special emphasis is placed on the use of effective leadership and followership behaviors to sustain high performing interprofessional teams and improve quality outcomes for patients, families, and healthcare organizations.

N 381F Leadership in Diverse Settings Advanced Nursing Capstone II Practicum 3 Hours

Focus on monitoring, closing, and evaluating the Capstone project that addressed organizational challenges, health issues, and/or enhance healthcare delivery effectiveness.

N 381M Topics in Adult Health Nursing 3 Hours

N 381M.6 Nursing Science: Domains of Inquiry and Interdisciplinary Perspectives 3 Hours

Explore domains of nursing science through inquiry, shaped by the problems and perspectives of nursing as a practice and academic discipline. Includes critical review of theories that contribute to the understanding of nursing practice and nursing research within an interdisciplinary context.

N 181P, 281P, 381P Project Planning Practicum 1-3 Hours

Discuss practical skills and experiences to initiate and lead quality improvement or evidence-based practice projects that address organizational challenges, health issues, and/or effective healthcare delivery.

N 181Q Patient Care Practicum 1 Hour

Apply advanced nursing concepts in a selected area of nursing. Develop individual goals and objectives for practicum activities. Address health issues in areas such as the care of individuals, families, communities, and systems.

N 381R Theoretical Foundations of Aging 3 Hours

Theories in gerontology as applied to nursing practice.

N 381S Gerontological Nursing 3 Hours

Physiological changes in the elderly, and their implications for nursing practice.

N 281V Leadership in Diverse Settings Advanced Nursing Practicum 2 Hours

Precepted practicum focusing on advanced nursing concepts and skills in a setting selected with consideration of the student's interest, needs, goals, and objectives. Assessments of individuals, families, or groups, and their environments, implementation of appropriate evidence-based specialized nursing interventions, and evaluation the role of master's prepared nurses in diverse practice settings.

N 181W, 281W, 381W Leadership in Diverse Settings Advanced Nursing Capstone Practicum 1-3 Hours

Focus on planning, implementing, and monitoring the Capstone project. Address organizational challenges, health issues, and/or enhance healthcare delivery effectiveness.

N 382 Sociocultural Influences on Health 3 Hours

Focus on factors associated with inequities in health status, health care, and health policies. Use an ecological approach to explore relationships among individual characteristics such as gender, education, income, literacy, race, ethnicity, culture, acculturation, disability, age, and sexual orientation. Examine interpersonal factors such as communication with health care providers, family and social ties, and discrimination as well as societal-level factors such as neighborhood and community context, health care organizations, economics, politics, and policies. Seek to understand how those factors shape health behaviors, access to health care services, and health status locally, nationally, and globally.

N 382W Informatics for Healthcare Professionals 3 Hours

Explores subjects of health informatics that are specifically focused to healthcare professionals. Representative subjects include: key roles and responsibilities of health informaticians in American healthcare system; Informatics related theoretical foundations, research needs assessment and available information sources on EBP; Applications of health informatics by healthcare professionals (HCPs) in clinical settings; Implementation and evaluation of health informatics applications in clinical settings; Human-computer interaction (HCI), usability and ethical challenges and issues faced by HCPs; and new trends in health informatics technology to engage patients.

N 284C Professional Nursing Foundations 2 Hours

Introduction to fundamental nursing care concepts, processes, and skills, including communication and assessment.

N 284N Genomic Applications in Nursing 2 Hours

The ethical, legal, psychological, and social issues involved in the integration of genetic information into nursing practice.

N 284P Aging and Disability 2 Hours

Examines concepts and theories of aging and disability. Addresses the changing physical, psychological, social, economic, ethical, legal, and spiritual needs, environmental accommodations, and caregiver responsibilities and needs across the life course.

N 284T Professional Nursing Management 2 Hours

Examines selected concepts and theories of nursing leadership and management in the context of the nursing work environment and professional nursing career development.

N 185, 285, 385, 485, 585, 685 Topics in Nursing 1-6 Hours

N 185.1, 285.1, 385.1, 485.1, 585.1, 685.1 Big Data in Health Sciences Research 1-6 Hours

N 385E End-of-Life Communication and Decision-Making 3 Hours

Examine the scholarly research, theory, and practice associated with decision-making and communication at the end of life across diverse populations, including subjects of death and dying, loss, grief, bereavement, ethical principles, shared decision-making, advance directives, refusal or withdrawal of life-sustaining medical treatment, and family caregiving. Explore communication and conflict in the context of psychosocial, spiritual and cultural aspects of the lives of patients and families.

N 386F Budget and Finance in Health Care 3 Hours

Conceptual and practical applications of financial management, cost analyses, and budgeting in the contemporary health care delivery system.

N 386Q Quality and Safety in Healthcare 3 Hours

Examination of quality and safety in the U.S. healthcare system based on quantitative and qualitative research findings, expert opinions, and cultural surveys. Explores and evaluates strategies for creating and sustaining a culture of safety in healthcare.

N 386W Foundations of Health Care Finance 3 Hours

Explore conceptual and practical applications of financial management, cost analyses, and budgeting in the contemporary health care delivery system.

N 387F Adult Health Nursing I 3 Hours

Introduction to concepts, theories, and research findings essential for promoting and restoring the health of adults with selected commonly occurring physiological alterations and responses to health and illness.

N 287G Psychiatric-Mental Health Nursing 2 Hours

The biological, environmental, cultural, and interpersonal factors affecting individuals with psychiatric-mental health problems.

N 287H Child Health Nursing 2 Hours

Integrates concepts, theories, and processes essential to understanding the health and illness of children within the context of the family.

N 387K Leading and Managing in Complex Healthcare Systems 3 Hours

Concepts related to individual, group and organizational behavior are studied and applied to the processes of leading people and managing work in complex healthcare systems. Theories of nursing, economics, organizational psychology, management science, sociology, and complexity science are used to critically examine healthcare work environments. Theory application will focus on creating and sustaining healthy work environments, leading and managing organizational change, managing work processes, and administrative decision making. Relevant research in nursing and other behavioral sciences is reviewed.

N 287Q Public Health Nursing 2 Hours

Integration of nursing, public health, and social science concepts and theories essential for promoting and restoring health and preventing disease and disability in aggregates, populations, and communities.

N 387R Adult Health Nursing II 3 Hours

Advanced concepts, theories, and research findings essential for promoting and restoring health of adults with selected complex physiological alterations and responses.

N 187S Integration of Nursing Knowledge 1 Hour

Integration of nursing knowledge derived from didactic and clinical courses, with application in case studies and simulated patients across the life span and in a variety of settings.

N 287T Perinatal Nursing 2 Hours

Explore the normal processes and physiological alterations that occur before, during, and after pregnancy. Examine concepts, theories, and processes essential for promoting health and addressing health concerns of women, neonates, and their families during the childbearing years.

N 389C Adult-Gerontology Clinical Nurse Specialist: Role Dimensions 3 Hours

Survey of the underlying values and the central and core competencies of the adult-gerontology clinical nurse specialist in adults (young adults through older adults) across the spheres of influence (patient, nursing practice, organization/system). Application of theory and research to advanced practice.

N 389D Adult-Gerontology Clinical Nurse Specialist: Health Promotion and Illness Prevention 3 Hours

Analysis of physiological, psychosocial, and environmental concepts and testing of assessments and interventions for select adult-gerontology (AG) populations across the life spectrum (young adults through older adults).

N 489E, 589E Adult-Gerontology Clinical Nurse Specialist: Chronic Illness 4-5 Hours

Analysis of physiological, psychosocial, spiritual, and environmental concepts and testing of assessment and interventions for select adult-gerontology (AG) populations with chronic illness conditions. The focus is on dynamics of multiple chronic illness and related Adult-Gerontology Clinical Nurse specialist (AG-CNS) roles.

N 389F, 489F Adult-Gerontology Clinical Nurse Specialist: Acute Care 3-4 Hours

Analysis of physiological, psychosocial, and environmental concepts and testing of assessments and interventions in select adult-gerontology populations experiencing acute illness. Focus on dynamics of acute illness and related Adult-Gerontology Clinical Nurse specialist (AG-CNS) roles.

N 489H Diagnosis and Management of Adult-Gerontology Health Problems 4 Hours

Theoretical and clinical content for management of health problems of adult patients across the life spectrum (young adults through older adults). Integration and application of skills and knowledge gained in previous adult-gerontology clinical nurse specialist coursework for adult patients in the acute or chronic setting. Pattern recognition, critical thinking, analysis, diagnostic testing, differential diagnosis, and medical management of common adult, older-adult health problems.

N 389M Adult-Gerontology CNS: Practicum I 3 Hours

Guided clinical application of Adult-Gerontology Clinical Nurse Specialist (AG-CNS) core competencies (expert coaching, collaboration, consultation, research, leadership, and ethical decision-making) in delivery of care for select adult-gerontology (AG) populations to promote health and manage acute and/or multiple chronic conditions at the patient, nurse, and system level. Preparation for certification and credentialing as an AG-CNS.

N 389N Adult-Gerontology CNS: Practicum II 3 Hours

Guided clinical application of Adult-Gerontology Clinical Nurse Specialist (AG-CNS) core competencies, such as expert coaching, collaboration, consultation, research, leadership, and ethical decision-making in the delivery of care for select adult-gerontology (AG) populations to promote health, and manage acute and/or multiple chronic conditions at the patient, nurse, and system level. Prepares students for certification and credentialing as an AG-CNS.

N 389P Diagnosis and Management of Adult-Gerontology Health Problems 3 Hours

This seminar course offers theoretical and clinical content for advanced nursing students to provide medical management of health problems for adult-gerontological patients. Students will learn pattern recognition, critical thinking, analysis, diagnostic testing, differential medical diagnosis, and medical management of common adult-gerontological health problems using an interprofessional team approach. This seminar is appropriate as a support course for other interprofessional graduate students.

N 390D Public Health in a Global Context 3 Hours

Advanced study of theory and research related to public health within a global context. Examines relationships among public health needs and resources, health services, health policy, law, and population health indices. Emphasis is on developing both the knowledge fundamental to population-based health and the research base for optimizing public health through community action.

N 390E Global Health and Primary Care in Costa Rica 3 Hours

Explore fundamental concepts of global health, including social, political, and economic determinants of health for Costa Rica. Examine culture, health care systems, and health outcomes. Assess disease management in these environments from a primary care perspective. Consider how to empower people within their communities to manage their health through evidence-based practice, research, and education.

N 390F Adult Health Nursing I Practicum 3 Hours

Application of concepts, theories, processes and skills pertinent to promoting and restoring the health of adults with selected commonly occurring physiological alterations and responses.

N 290G Psychiatric-Mental Health Nursing Practicum 2 Hours

Application of concepts, theories, processes, and skills that are pertinent to promoting mental health and providing nursing care for people with psychiatric and mental illnesses.

N 290H Child Health Nursing Practicum 2 Hours

Application of concepts, theories, processes, and skills pertinent to the care of children within the context of the family.

N 290Q Public Health Nursing Practicum 2 Hours

Application of public health nursing concepts, theories, and processes pertinent to the care of aggregates, populations, and communities.

N 290R Adult Health Nursing II Practicum 2 Hours

Application of advanced concepts, theories, processes, and skills essential for promoting and restoring the health of adults with selected complex physiological alterations and responses.

N 290S Integration of Nursing Knowledge Practicum 2 Hours

Designed to assist the student in the application and integration of knowledge from didactic and clinical courses in the care of multiple patients.

N 290T Perinatal Nursing Practicum 2 Hours

Apply concepts, theories, processes, and skills pertinent to the care of women, neonates, and their families during the childbearing years.

N 390U Foundations of Nursing Education 3 Hours

Examine essential elements of nursing education, including theoretical bases of culturally-relevant teaching, learning, and curriculum development. Explore approaches to the development of values integral for a novice nurse educator, including ethical and legal considerations and the importance of engaging in scholarship.

N 390V The Art and Science of Teaching Nursing 3 Hours

Examine the essentials of course, curriculum and program design for the nurse educator. Using educational technologies, explore teaching and learning strategies in varied formats, including face-to-face, online and hybrid. Explore diversity, inclusivity, and personal and professional values with regard to the art and science of nursing education and life-long learning.

N 390W Role of the Nurse Educator 3 Hours

Explore advanced role development for the nurse educator, including concepts and skills related to curriculum development and program evaluation, quality improvement, faculty governance and leadership, and the scholarship of teaching, research, and service.

N 391Q Health Care Informatics 3 Hours

Information and communication technologies are increasingly being applied to the healthcare context, with many new jobs opening up in areas such as health information management, electronic health records, and consumer and public health informatics. Explore the challenges and career opportunities provided by these recent developments. Discuss major issues-social, cultural, political, economic, technological, historical, and ethical-associated with health informatics.

N 291S Alternate Entry Capstone Preceptorship 2 Hours

Apply and integrate knowledge from didactic and clinical training in the care of multiple patients.

N 392E Applications of Health Care Research 3 Hours

Designed to prepare students to discover, examine, and evaluate knowledge, theories, and creative approaches to health care. Focuses on the skills needed to identify research questions in practice, evaluate existing practice in the light of research findings, and develop strategies to incorporate research findings into the clinical setting.

N 392P Health Policy, Program Planning, and Evaluation 3 Hours

Exploration of multilevel health care policy implementation, program development, and outcome evaluation. Focus on the application of policies from macro-level to micro-level systems.

N 393C Advanced Pediatric Health Assessment 3 Hours

Explore advanced developmental and health assessment of children (newborn through adolescent), with an emphasis on theories and skills applicable to the assessment of children.

N 393D Advanced Pediatric Pharmacology 3 Hours

Study pediatric pharmacotherapeutics, with emphasis on pharmacokinetics, pharmacodynamics, administration, and education.

N 393E Pediatric Nurse Practitioner Primary Care I 3 Hours

Study health promotion, anticipatory guidance, prevention of illness, and the assessment and management of acute illnesses commonly affecting children. Discuss concepts related to the advanced role development of nurse practitioners.

N 193F, 393F Pediatric Nurse Practitioner Primary Care I Clinical 1,3 Hours

Attain clinical experience in primary care settings, focusing on health promotion and management of well-child care and acute illnesses commonly encountered in children.

N 393G Pediatric Nurse Practitioner Primary Care II 3 Hours

Examine theoretical knowledge relevant to the management of complex and chronic primary health care problems from infancy through adolescence.

N 493H Pediatric Nursing Practitioner Primary Care II Clinical 4 Hours

Attain clinical experience in the management of complex or chronic health problems of infants, children, and adolescents in a specialty setting, as well as management in primary care.

N 393J Pediatric Acute Care Management III and Role Transition 3 Hours

Learn to recognize, interpret, and respond to emerging health crises and organ system dysfunction or failure of physiologic systems in children with complex acute, critical, and chronic health conditions. Examine patient stabilization, minimizing complications, and restoring maximal health potential. Explore core concepts such as team-based management of care and interprofessional collaboration; complex discharge planning; community and social influences of child and family health; advanced role development; and legal, political, and ethical issues that affect nurse practitioner practice.

N 393M Topics in Maternal/Parent-Child Nursing 3 Hours

N 293P, 393P Pediatric Diagnostic Reasoning and Advanced Invasive Skills 2-3 Hours

Interpretation of laboratory and diagnostic testing; and the development of diagnostic and psychomotor skills needed to care for acute or critically ill pediatric patients.

N 194, 294, 394, 494 Topics in Independent Study in Nursing 1-4 Hours

Detailed or in-depth study in a specific topic area. Topic and mode of study are agreed upon by student and instructor.

N 394E Pediatric Primary Health Care Concepts I 3 Hours

Study of health promotion, anticipatory guidance, prevention of illness, and the assessment and management of acute illnesses commonly affecting children. Concepts related to advanced role development of nurse practitioners.

N 194F, 394F Pediatric Primary Health Care Concepts I Clinic 1,3 Hours

Clinical experience in primary care settings, focusing on health promotion and management of well-child care and acute illnesses commonly encountered in children.

N 494G Pediatric Acute Care Role Transition and Advanced Practicum 4 Hours

Demonstrate role behaviors and clinical competence consistent with that of an advanced beginner acute care pediatric nurse practitioner. Experience a concentrated and supervised opportunity to make more independent and interdependent decisions in managing emerging crisis and organ system dysfunction in children with a variety of complex acute, critical, and chronic health conditions. Work collaboratively with faculty and preceptors in a variety of settings including emergency departments, intensive care units, inpatient medical/surgical units, and sub-specialty clinics.

N 294J Pediatric Primary Health Care Concepts III 2 Hours

Primary care management of complex conditions in children. Additional emphasis on advanced role development of the pediatric nurse practitioner.

N 494K Pediatric Primary Health Care Concepts III Clinic 4 Hours

Pediatric primary health care practicum in the advanced nursing management of the health of infants, children, and adolescents.

N 394Q Pediatric Acute Care Management I 3 Hours

Designed to prepare students to recognize, interpret, and respond to emerging health crises and organ system dysfunction or failure in children with complex acute, critical, and chronic health conditions. Emphasizes patient stabilization, minimizing complications, restoring maximal health potential through risk reduction, and providing physical and psychosocial support to the patient and family. Acute, critical, and chronic disorders within selected physiological systems are explored from a developmental and multicultural perspective.

N 294R Pediatric Acute Care Management I: Clinical 2 Hours
Provides an opportunity for the beginner acute care pediatric nurse practitioner student to apply advanced knowledge of pathophysiology, pharmacology, current research and evidence, and diagnostic and psychomotor skills to caring for children with complex acute, critical, and chronic health conditions, and their families.

N 394S Pediatric Acute Care Management II 3 Hours
Designed to prepare students to recognize, interpret, and respond to emerging health crises and organ system dysfunction or failure of physiological systems in children with complex acute, critical, and chronic health conditions. Emphasizes patient stabilization, minimizing complications, and restoring maximum health potential. Explores core concepts such as transport, complex discharge planning, rehabilitation, home care, and long-term care.

N 294T, 394T Pediatric Acute Care Management II: Clinical 2-3 Hours
Designed to prepare students for clinical competence consistent with that of a beginner acute care pediatric nurse practitioner. Under the supervision of faculty and preceptors, students integrate advanced knowledge of pathophysiology, pharmacology, current research and evidence, and diagnostic and psychomotor skills to create comprehensive management plans for children with complex acute, critical, and chronic health conditions.

N 594U Pediatric Acute Care Advanced Practicum 5 Hours
Designed to prepare students to demonstrate the clinical competence of an advanced beginner acute care pediatric nurse practitioner. Under the supervision of faculty and preceptors, students have the opportunity to make independent and interdependent decisions in managing emerging health crises and organ system dysfunction in children with a variety of complex acute, critical, and chronic health conditions. Students work in a variety of settings, including emergency departments, intensive care units, inpatient medical and surgical units, and subspecialty clinics. Explores the legal, political, and ethical issues affecting nurse practitioner practice.

N 394V Child Adolescent Psychiatric Mental Health for Primary Care 3 Hours
Examines foundational content relative to the care of children and adolescents with behavioral and psychiatric mental health disorders. Aspects of care examined will include health promotion, screening, treatment and referral to psychiatric mental health specialists. Focus on inter-professional and collaborative practice using evidence-based models for evaluation and management of common behavioral and psychiatric mental health disorders in the child and adolescent.

N 294W, 394W Pediatric Clinical Pharmacology and Therapeutics in Acute Care 2-3 Hours
Explore pediatric pharmacotherapeutics with emphasis on pharmacokinetics, pharmacodynamics, administration and education in acute care settings.

N 195, 295, 395, 495, 595, 695 Topics in Nursing 1-6 Hours
Areas of special interest.

N 395C Clinical Pharmacology and Therapeutics 3 Hours
Application of pharmacologic and pharmacokinetic principles to drug therapy management in family primary care nursing.

N 395D Pediatric Clinical Pharmacology and Therapeutics 3 Hours
The study of pediatric pharmacotherapeutics, with emphasis on pharmacokinetics, pharmacodynamics, administration, and education.

N 395F Theoretical Foundations for Nursing Practice 3 Hours
Examines the nature of theory and theory development for nursing practice; the application of theory to practice, practice change, and scholarship are also explored.

N 395N Biostatistics 3 Hours
Basic concepts in descriptive and inferential statistical methods. Explores intermediate statistical concepts including analysis of variance (ANOVA) with planned comparisons and post-hoc tests, factorial ANOVA, bivariate linear correlation and logistic and multiple regression, survival analysis, the chi-square tests for goodness of fit and association, the Mann-Whitney U test, and the essentials of sample size estimation.

N 395P Health Care Economics 3 Hours
Explores basic economic theory, market drivers and restraints, health care budget, financial management and reimbursement, cost/benefit analysis, and healthcare entrepreneurialism. Includes theory and application, with a particular focus on the clinical role of the Doctor of Nursing Practice within the contemporary healthcare environment.

N 295Q Professional Practice of the FNP 2 Hours
Explores concepts and theory from nursing, social, and biological sciences related to primary care management of complex health/illness conditions in adults and children as members of families. Emphasis is on community/social issues influencing individual and family health, complex individual, family and/or community interventions, advanced role development and legal, political, ethical issues affecting nurse practitioner practice.

N 396C Advanced Pathophysiology 3 Hours
Pathophysiologic concepts from the cellular level through major body systems and across the life span. Etiological, pathogenic, and presenting patterns. Fundamental concepts of anatomy and physiology. Students are expected to develop an understanding of nursing and medical interventions for common health problems and the ability to apply and design interventions based on pathophysiologic changes.

N 396J Advanced Health Assessment 3 Hours
Advanced knowledge and skills involved in the assessment of individuals throughout the life span, within the context of the family, to determine their health status.

N 396L Primary Health Care Concepts I 3 Hours
Theoretical and clinical knowledge needed for advanced nursing management within the context of the family and the community of individuals who are essentially well or who have minor health problems.

N 196M, 296M, 396M Primary Health Care Concepts I Clinic 1-3 Hours
Supervised experience in the nursing management of infants, children, and/or advanced adults and families who are well or who have common acute health problems.

N 396N Primary Health Care Concepts II 3 Hours
Theoretical and clinical knowledge needed for the management of complex and chronic health problems of individuals and families.

N 196P, 296P, 396P, 496P Primary Health Care Concepts II Clinic 1-4 Hours
Supervised experience in the nursing management of infants, children, adults, and families who have complex or chronic health problems.

N 396Q Primary Health Care Concepts III 3 Hours
Offers the FNP student the theoretical and clinical content for management of complex health problems throughout the lifespan. Focus is on the integration and application of skills and knowledge gained in prior FNP coursework for pediatric, adult, and aging clients in primary health care settings. Use pattern recognition, critical thinking, analysis, diagnostic testing, differential diagnosis and medical management of complex health problems throughout the lifespan.

N 196R, 296R, 396R, 496R Primary Health Care Concepts III Clinic 1-4 Hours
Advanced supervised experience as a direct primary health care giver in family practice clinical settings.

N 196S Special Project in Advanced Practice 1 Hour
Development of a special project in an area of research, policy, or clinical issues relevant to advanced practice.

N 396T Ecological Approaches to Child Health 3 Hours
The ecological approach to understanding individual, parental, family, and societal determinants of children's health. Students gain knowledge of developmental and family theories and use epidemiological principles to comprehend the complex dimensions and related conceptual factors that contribute to the health and well-being of children within families. Theoretical foundations for graduate students interested in health promotion and risk reduction for children and families.

N 396U Pediatric Primary Health Care Concepts II 3 Hours
Theoretical knowledge relevant to the management of complex and chronic primary health care problems from infancy through adolescence.

N 196V, 296V, 396V Pediatric Primary Health Care Concepts II Clinic 1-3 Hours
Clinical practice in the management of complex or chronic health problems of infants, children, and adolescents in a specialty setting as well as management in primary care.

N 197C Doctoral Seminar I 1 Hour
Introduction to nursing science. Explores the history, current priorities, and funding mechanisms of science development in nursing along with established programs of nursing research. Provides a forum for students to develop and exchange ideas regarding research topics.

N 197D Doctoral Seminar II 1 Hour

N 397L Topics in Nursing Research Methods 3 Hours

N 397L.1 Analysis and Interpretation of Data 3 Hours
Critiquing, interpreting, disseminating, and using research findings.

N 397L.2 Instrumentation and Measurement 3 Hours
Theoretical, methodological, and procedural aspects of measurement: norm-referenced and criterion-referenced measurement; data management and instrumentation.

N 397L.3 Conceptual Foundations of Research Design and Methods 3 Hours
Theoretical approach to basic statistical and measurement concepts and their importance to research in health-related areas.

N 397L.4 Critical Review of the Literature 3 Hours
Designed to assist the novice researcher in conducting a systematic and critical review of the literature in a substantial area of health-related scholarship.

N 397L.5 Quantitative Design, Methods, and Analysis 3 Hours
The quantitative research design, methods, and analyses used in health care research. Includes descriptive, correlational, and experimental designs; related methods of analyses using statistical software; and interpretation of data.

N 397M Qualitative Research 3 Hours
Introduction to the theoretical and methodological aspects of qualitative research methods. Qualitative research approaches from a variety of disciplines and philosophical traditions, with emphasis on the application of research designs and data collection and analysis techniques to nursing studies.

N 397N Correlation and Regression in Health Research 3 Hours
Examine the principles and applications of statistical techniques using a linear model approach. Explore correlation, partial correlation, linear regression, multiple regression, and logistic regression.

N 197P, 297P Nursing Research Practicum 1-2 Hours
Guided experience in conceptual and methodological aspects of research: data management and analysis; critique and interpretation; instrumentation; and measurement.

N 397Q Research Practicum I 3 Hours
Examine essential aspects of the responsible conduct of research and beginning skills needed to initiate a research program. Transition into the role of the nurse scientist with emphasis on individual career development, sustaining a program of research, and evolving research trajectories. Focus on conceptual, methodological, and practical aspects of research within an ongoing faculty research project.

N 397R Research Practicum II 3 Hours
Examine essential procedural aspects of conducting health-related research and developing skills in scholarly leadership and service. Explore subjects such as drafting research questions, recruitment and retention of participants, data collection methods, and management of data. Focus on conceptual, methodological, and practical aspects of research within an ongoing faculty research project.

N 397S Research Practicum III 3 Hours
Focuses on essential skills needed to develop a research proposal and plan an independent research program. Students focus on conceptual, methodological, and practical aspects of research within an ongoing faculty research project.

N 197W Developmental Writing 1 Hour
Study writing skills for graduate level course work, including clarity and continuity of thought, use of proper grammar, and proper use of APA format.

N 698 Thesis 6 Hours

N 398C Theoretical Basis for Precision Health Implementation Science 3 Hours
Examine a scoping review of the theoretical foundations of precision health and implementation science approaches. Explore biological, technological, behavioral, and social-ecological health contexts; and team science approaches and ethics related to implementing precision health approaches.

N 398D Designing Precision Health and Implementation Science Research 3 Hours
Analyze the scientific rigor of precision health approaches to intervention, data collection, and other study procedures. Examine cutting-edge strategies, emerging resources, and rigorous approaches to precision health research and their potential application to multiple chronic conditions.

N 398E Precision Health Interventions for Self-Management 3 Hours
Examine issues and approaches in design and implementation of precision health self-management interventions for multiple chronic conditions. Engage in hands-on practice with application of concepts to student-defined, instructor-approved projects.

N 398T Supervised Teaching and Learning in Nursing 3 Hours
Designed to introduce the student to the essential elements of nursing education prior to engaging in the role of assistant instructor. Critical elements include the theoretical bases of teaching and learning; teaching strategies for clinical and classroom settings; assessment and evaluation strategies for various educational settings; ethical and legal considerations; and the importance of engaging in the scholarship of teaching.

N 399W, 699W, 999W Dissertation 3,6,9 Hours