PROFESSIONAL CORE

646 Health Care Policy in the United States: Development, Impacts, and Implications for Nurses (3). 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.

815 Advanced Practice Nursing Role (1). Prerequisites, NURS 810, 840, or 860. Permission of the instructor for students lacking the prerequisites. Examines current advanced practice nursing roles issues, within the context of contemporary healthcare delivery, legal, and sociopolitical systems.

835 Population Health and Epidemiology (3). 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.

CLINICAL CORE

710 Developmental Physiology and Pathophysiology (3). 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.

715 Pathophysiology for Advanced Nursing Practice (3). 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.

720 Pharmacotherapeutics in Advanced Nursing Practice (3-4). Prerequisite, NURS 710 or 715. 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.

725 Advanced Health Assessment and Diagnostic Reasoning in Pediatric Nursing (4). Pre- or corequisite, NURS 710. Course is designed to prepare the advanced practice nurse to comprehensively assess pediatric clients using a diagnostic reasoning process.

726 Advanced Health Assessment and Diagnostic Reasoning in Primary Care (4). Pre- or corequisite, NURS 715. This course examines the process of diagnostic reasoning as a framework to synthesize comprehensive assessment of patients throughout the lifespan.

RESEARCH CORE

778 Interpreting Research Reports (3). For Nursing students admitted to The Graduate School. Focuses on approaches for critical reading of research reports to evaluate the evidence base for practice.

779 Synthesis and Translation of Evidence (3). Prerequisite, NURS 778. Permission of the instructor for students lacking the prerequisite. Focuses on the translation of research evidence to support improved models of care delivery.

ADULT-GERONTOLOGY PRIMARY CARE NURSE PRACTITIONER

686 Advanced Concepts in the Clinical Care of Older Adults (2). Graduate students only or permission of instructor. Focuses on advanced concepts for nursing management of older adults and their families with an emphasis on interdisciplinary care.

810 Primary Care Management of Adults (5). Prerequisites, NURS 715 and 726; pre- or corequisite, NURS 720. Focuses on the management of illnesses common to young, middle, and older adults in ambulatory care.

811 Selected Issues in Adult Health (5). Prerequisites, NURS 715, 720, 726, and 810. Permission of the instructor for students lacking the prerequisites. 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.
Management of Complex Health Problems in Adults (6). Prerequisites, NURS 715, 720, 726, 810, and 811. This capstone course focuses on the management of complex health problems in adult populations for the adult nurse practitioner.

Practicum in Primary Care Management of Adults (2). Prerequisites, NURS 715, 720, 726, and 810. 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.

Oncology focus

Advanced Pharmacology In Oncology (1). Prerequisites NURS 715, 720; Permission of instructor. Focuses on the pharmacologic management of drugs used for therapeutic management and supportive care in adult oncology.

Advanced Concepts in Oncology Nursing (2). Admission to Adult-Gerontology Primary Care 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.

Clinical Practicum in Advanced Oncology Nursing (2--4). Prerequisites, NURS 688 and 689. Corequisite, NURS 821. Permission of the instructor for students lacking the corequisite. Focuses on the evidence-based management of common acute, episodic, and chronic health problems in adult cancer patients for the oncology nurse practitioner.

Seminar in Advanced Oncology Nursing (0.5). Prerequisites, NURS 688 and 689. Co-requisite, NURS 820. Permission of instructor for students lacking the corequisite. 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.

FAMILY NURSE PRACTITIONER

Primary Care Management of Adults (5). Prerequisites, NURS 715 and 726; pre- or corequisite, NURS 720. Focuses on the management of illnesses common to young, middle, and older adults in ambulatory care.

Sexual and Reproductive Health (4). Prerequisites, NURS 715, 720, 726, and 810. Permission of the instructor for students lacking the prerequisites. Uses a lifespan 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.

Child Health Issues in Primary Care (4). Prerequisites, NURS 715, 720, 726, and 810. 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.

Advanced Clinical Practicum in Primary Care of Families (4). Prerequisites, NURS 715, 720, 726, 810, 825, and 827. 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.

PEDIATRIC NURSE PRACTITIONER/PRIMARY CARE

Primary Care of Children (5). Prerequisites, NURS 710 and NURS 725. Pre- or corequisite, NURS 720. Permission of the instructor for students lacking the prerequisites. This course focuses on advanced practice nursing management of common clinical symptomatology and problems in pediatric primary care.

Advanced Concepts in Family-Centered Health Care of Children and Adolescents (4). Prerequisites, NURS 710, 725, and 840. Permission of the instructor for students lacking the prerequisites. 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.

Management of Complex Conditions in Advanced Practice Pediatric Nursing (4). Pre- or corequisites, NURS 710, 720, and 840. 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.
849 Clinical Practicum in Advanced Practice Pediatric Nursing (1–5). Prerequisites, NURS 710 and 725. Corequisites, NURS 720 and 840. Permission of the instructor for students lacking the pre- or corequisites. 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.

PSYCHIATRIC-MENTAL HEALTH NURSE PRACTITIONER

722 Psychopharmacology in Psychiatric-Mental Health Advanced Practice Nursing (2). Prerequisites, NURS 715, 726, and 727. Co-requisite, NURS 720. Permission of the instructor for students lacking the pre- and corequisites. Examines the principles of psychopharmacology and neurobiology for safe and effective psychotherapeutic management of individuals with psychiatric and mental health problems across the lifespan.

727 Advanced Diagnostic Process in Psychiatric---Mental Health Nursing (4). Pre- or corequisites, NURS 715 and 726. 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.

860 Psychiatric Nursing Interventions with Individuals (5). Prerequisites, NURS 715, 726, 727; pre- or corequisites 720, 722. Focuses on theories, techniques, and research related to providing individual psychotherapy. Contextual factors affecting the delivery of psychiatric---mental health nursing services are analyzed.

864 Psychiatric---Mental Nursing Interventions: Families and Groups (4). Prerequisites, NURS 715, 720, 722, 726, 727, 860, and 865. Permission of the instructor for students lacking the prerequisites. Students will analyze theories, techniques, and research relevant to therapy with groups and families experiencing mental health problems.

865 Psychiatric---Mental Health Nursing Interventions with Children (2). Prerequisites, 715, 720, 722, 726, 727, and 860. Permission of the instructor for students lacking the prerequisites. Students will analyze theories, techniques, and research relevant to therapeutic interventions with children experiencing mental health problems.

868 Management of Complex Psychiatric-Mental Health Problems Across the Lifespan (6). Prerequisites, NURS 715, 720, 722, 726, 727, 860, 864, and 865. Permission of the instructor for students lacking the prerequisites. This course focuses on the management of complex psychiatric-mental health problems across the lifespan for the psychiatric-mental health nurse practitioner.

HEALTH CARE SYSTEMS

704 Scientific Writing (1). Focuses on the principles and practice of scientific writing, with emphasis on research proposals, theses, research reports, dissertations and articles for publication.

870 Health Care Informatics (3). 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.

871 Leadership and Advanced Practice Roles in Health Care Organizations (3). 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.

872 Developing and Managing Human Resources in Health Systems (3). Explores the knowledge and skills required for effective human resource management. Managerial behaviors that promote and maintain a professional nursing practice environment are emphasized.

873 Financing for Valued-Based Care (3). 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.

874 Improving Quality, Safety, and Outcomes in Healthcare Systems (3). 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.
875 Principles of Teaching Applied to Nursing (3). Provides students who have had minimal or no teaching experience with the educational principles necessary to teach in nursing programs or health care settings.

876 Innovations in Nursing and Health Care Curricula (3). This online course examines foundations of contemporary nursing and health care education, including academic, staff development, patient education programs, and lifelong learning.

878 Health Care Residency and Integrative Seminar (5). 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.

880 Advanced Assessment for Nursing Leadership (4). Prerequisite, NURS 715. Permission of the instructor. First of two courses preparing clinical nurse leaders. The 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.

881 Evidence-Based Care for Clinical Nurse Leaders II (6). Pre- or corequisites, NURS 715 and 880. Advanced clinical nurse leadership course emphasizing collaboration with key stakeholders to implement evidence-based interventions and improve care delivery in clinical systems.

882 Clinical Teaching (3). 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.

ELECTIVES

600 SHAC: Student Health Action Coalition (0). 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.

613I Intermediate Spanish for Health Care I (AHSC 613I, PHCY 613I, PUBH 613I, SOWO 613I) (3). See PUBH 613I for course description.


615I Advanced Spanish for Health Care I (AHSC 615I, DENT 615I, MEDI 615I, PHCY 615I, PUBH 615I, SOWO 615I) (3). See PUBH 615I for course description.

687 Ethical Issues in Nursing (2). Prerequisite, one clinical nursing course, or RN status or permission of instructor. 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.

703I Alternative Medicine (3).

780I Multidisciplinary Perspectives on Managing Diabetes Mellitus (PHCY 608I) (2). 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.