**Graduate Course Listing**

*(August 2013)*

**NURS**

**600 SHAC: Student Health Action Coalition (0).** This course provides service-learning opportunities to apply nursing practice within the context of inter-professional care for vulnerable populations by participating with Student Health Action Coalition (SHAC) activities.

**6071 Inter-Professional Team Work and Communication: Key to Patient Safety (3).** Majors only. This inter-professional 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.

**609 Health Care in the Global Context (1).** 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.

**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.

**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.

**685 Care of the Dying and Bereaved throughout the Life Span (3).** Permission of the instructor for nonmajors. 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.

**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.

**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.

**689 Advanced Concepts in Oncology Nursing (2).** 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.

**703I Alternative Medicine (3).**

**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.

**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.

**721 Pediatric Pharmacology (1).** Prerequisites, NURS 715 and 720. Permission of the instructor for students lacking the prerequisites. 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.

**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.

**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.

**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.

**777 Intermediate Statistical Applications in Health Care (3).** 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.

**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.

**780 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.

**781 Genomics and Society (3).** 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.

**782 Aging and Health (DENT 604I, EPID 620I, HMSC 904I, MEDI 604I, PHCY 604I, PHYT 904I, PSYC 904I, SOCI 824, SOWO 604I) (3).** See SOWO 604I for description.


**799 Special Problems (1–3).**

**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.

**812 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.

**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.

**819 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.

**820 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.

**821 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.

826 Introduction to Population Health and Community-Based Practice (2). 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.

827 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.

828 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.

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.

840 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.

841 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.

842 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.

860 Psychiatric Nursing Interventions with Individuals (5). Prerequisite, NURS 727. 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 727 and 860. 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.

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 Human Resource Management (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 Evidence-Based Care for Clinical Nurse Leaders I (4).** Prerequisite, NURS 715. Permission of the instructor. First of two courses preparing clinical nurse leaders. Emphasis is on the use of evidence-based approaches from outcomes/quality, transitional care, and finance to improve nursing care delivery in clinical systems.

**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.

**889 Special Topics in Nursing (1–5).** Topics directed by an authority in the field.

**912 Theoretical Foundations of Scientific Inquiry (3).** 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.

**915 Nursing, Health Organizations and Policy Making (3).** 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.

**920 Theoretical Foundations in Advanced Practice (3).** Admission to Nursing graduate program. Focuses on philosophical and theoretical foundations for practice and the utility of these foundations for advanced practice.

**928 Organizational Theories (3).** Examines the major theoretical paradigms, perspectives, and issues in organization theory, particularly as applied to organizations providing health care services.

**930 Infants and Children at Risk (3).** Applies the developmental science perspective to children at risk for health problems. Students examine conceptual models, design, measurement, and ethical issues involved in preventing or ameliorating these health problems.

**932 Families and Health (3).** 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.

**933 Health Care Quality and Patient Outcomes: Conceptual and Empirical Approaches (3).** Prerequisite, NURS 976. Permission of the instructor for students lacking the prerequisite. 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.

**941 Practice Inquiry Seminar I (1).** Admission to Nursing graduate program. Seminar focused on exploration of resources to guide the practice inquiry project and development of a problem statement.

**942 Practice Inquiry Seminar II (1).** Prerequisite, NURS 941. Seminar focused on design and implementation issues related to the practice inquiry project.
943 Practice Inquiry Seminar III (1). Prerequisites, NURS 941 and 942. Seminar focused on issues related to the implementation, evaluation, and dissemination of findings of the practice inquiry project.

950 Analysis of the Academic Role in Nursing Education (3). 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.

953 Ethics and Law in Health Care and Research (3). 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.

957 From Theory to Intervention (3). 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.

958 Designing Intervention Studies (3). Prerequisite, NURS 957. Permission of the instructor for students lacking the prerequisite. Examines methodological, ethical, and practical issues in the design and implementation of theory-based intervention studies.

959 Research Grant Writing (3). 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.

960 Proseminar in Nursing (1–3). Proseminars are offered for one, two, or three credits. Topics differ each semester.

962 Conducting Systematic Reviews and Writing Specific Aims (4). 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.

963 Writing for Publication (3). In this course, students apply principles and practices of writing to the preparation of manuscripts for publication.

965 Issues in Gerontological Research (3). 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.

972 Statistical Models for Health Research (4). Prerequisite, NURS 671 or 777. Permission of the instructor for students lacking the prerequisite. 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.

976 Issues in Sampling and Design (3). 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.

977 Qualitative Approaches to Knowledge Development (3). 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.

978 Principles of Measurement (3). 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.

979 Qualitative Analysis (3). 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.

980 Observational Methods (3). Explores quantitative observational research techniques. Strategies for developing coding systems, determining reliability and validity, and analyzing data are included.

981 Longitudinal Methods and Analysis (3). Prerequisite, NURS 972. Permission of the instructor for students lacking the prerequisite. 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.
985 Research Seminar and Practicum: Guided Individual Research Experience (1–5). Directs students to develop research skills related to the dissertation and to their future research.

986 Doctor of Nursing Practice Residency (3–5). Clinical residency focused on the synthesis of knowledge related to advanced practice, leadership, and practice-based inquiry.

992 Master’s Paper (3).

993 Thesis (3–6).

994 Dissertation Registration (3–9).