

**Corrections to the 2011-2012 Undergraduate Catalog:**

**p. 100** -- The correct number of credit hours for the first semester of the sophomore year of the Medical Science major is 17 credits. The correct number of credit hours for the HIS Core course reflected in the first semester is 3 credits. This change pertains to the print and PDF format versions of the catalog. (9/28/2011)

**p. 185** – The director of the Nuclear Medicine Technology program is Cindy Turchin, MBA, RT(R)(N), CNMT

**p. 332** – The following Nursing courses were omitted from the print catalog:

NSG 511 Advanced Physiology and Pathophysiology for Primary Care 3 credits

Concepts of physiology and pathophysiology, essential to the diagnosis and management of health problems of individuals and families across the lifespan, are the focus of this course. Emphasis is placed on genetic, cellular and biochemical pathophysiology. A body systems approach is used to explore the etiology, pathophysiology, prevalence, and clinical manifestations of commonly occurring disease states managed by clinicians in the primary care setting.

*Graduate status or permission of the Director of Graduate Nursing Programs*

NSG 513 Advanced Physical Examination and Diagnostic Reasoning for Primary Care, 4 credits (3 credits of didactic, 1 credit laboratory)

This course focuses on comprehensive physical examination of individuals across the lifespan. The process of diagnostic reasoning, hypothesis formulation and differential diagnosis of disorders commonly seen in the primary care setting is stressed. Students learn to interpret diagnostic and laboratory findings and use effective communication skills to develop clinical hypotheses.

*Co-requisites: NSG 511*

NSG 518 Advanced Practice Role Development for Primary Care 1 credit

This course facilitates the transition to the advanced practice clinician role in primary Conceptualizations, role development, and the core competencies of advanced practice nursing are examined within the context of the provision of integrated primary care services for families and communities.

*Graduate status or permission of the Director of Graduate Nursing Programs*

NSG 519 Concepts and Theories in Nursing Science 2 credits

The course utilizes the critical reasoning process to examine the elements of nursing as a discipline and as a science. Emphasis is placed on the structure of nursing knowledge and the use of theory as a framework for advanced nursing practice in the primary care setting.

*Graduate status or permission of the Director of Graduate Nursing Programs*

NSG 523 Family Health Promotion & Disease Prevention in Primary Care 2 credits

The course addresses the integration and synthesis of concepts associated with health promotion and disease prevention for families across the lifespan. Family theory and family assessment are introduced as a framework for primary care. Concepts of epidemiology, population focused care, and the accessibility of preventative services for culturally diverse and vulnerable populations in primary care are emphasized. Current research in health promotion is used as the basis for identifying appropriate screening recommendations and interventions used by clinicians in the primary care setting.

*Co-requisites: NSG 526*

NSG 524 Introduction to Clinical Management of Family Health Promotion 3 credits

and Disease Prevention (135 Clinical Hours, 129 preceptor hours, 6 post-conference hours)

Students will apply advanced physical assessment and diagnostic reasoning knowledge and skills with families in primary care. The APN direct care, teaching-coaching and management of patient health/illness status role competencies will serve as a foundation for assessment and management of family health promotion needs and disease prevention services.

*Pre-requisite: NSG 523*

NSG 526 Advanced Pharmacology for Primary Care 3 credits

Major principles of pharmacology are examined in the context of advanced practice nursing across the lifespan. The use of protocols, prescription writing, legal, ethical and economic issues in prescribing and/or monitoring pharmacologic therapies are explained. Emphasis is placed on age appropriate content related to pharmacokinetics, dosages, expected outcomes and side effects of selected drug categories of chronic and acute health problems across the lifespan. Emerging issues in pharmacoinformatics such as pharmacogenetics, pharmacogenomics, and E-prescribing are reviewed.

*Graduate status or permission of the Director of Graduate Nursing Programs*

NSG 600 Family Health and Disease Management I 2  
credits

This course focuses on disease management of adults and older adults. Emphasis is placed on the

diagnosis and management of common acute and episodic health problems, the provision of comprehensive, coordinated care, and the stabilization of emergent clinical situations in the primary care setting.

Pre-requisites: NSG 523, NSG 524 Co-requisite: NSG 601

NSG 601 Clinical Management of Family Health I 2 credits

(90 clinical hours- 84 preceptor hours, 6 post-conference hours)

Students will apply advanced physical examination and diagnostic reasoning knowledge and skills with adults and older adults in primary care. Emphasis will be placed on the diagnosis and management of acute/episodic health problems and stabilization of emergent conditions. The APN direct care, teaching-coaching, and management of patient health/illness status role competencies will serve as a foundation for the comprehensive, integrated management of acute/episodic health problems in adults and older adults in primary care settings.

*Pre-requisites: NSG 523, NSG 524 Co-requisite: NSG 600*

NSG 602 Policy, Politics and Healthcare Financing in Primary Care 2 credits

The critical analysis of legal, ethical, public policy, and healthcare financing issues affecting the collaborative approach to primary care practice is the focus of this course. Emphasis is placed on the examination, analysis, and critique of current issues in the media and the professional literature. Critical reasoning forms the basis for examination and analysis of selected issues related to integrated primary care, accessibility of primary care services, and clinician accountability in primary care. Oral presentation and writing skills are emphasized.

*Graduate status or permission of the Director of Graduate Nursing Programs*

NSG 604 Clinical Management of Family Health II 2 credits

(90 clinical hours, 84 preceptor hours, 6 post-conference hours)

This course focuses on the integrated clinical management of chronic health problems and their exacerbation in adults and older adults in primary care settings. Coordination of care and facilitating linkages to community health resources will be covered. The APN direct care, teaching-coaching, and management of patient health/illness status role competencies will serve as a foundation for assessment and management of the chronically ill adult.

*Pre-requisites: NSG 523, NSG 524, NSG 603*

NSG 605 Family Health and Disease Management III 2 credits

This course focuses on health promotion and disease management of common health concerns of children and adolescents in the primary care setting. Normal growth and development of well child and adolescent care are included. The use of appropriate pharmacologic and non-

pharmacologic clinical therapeutics in the management of children and adolescents experiencing acute and chronic illness is stressed.

*Pre-requisites: NSG 523, NSG 524*

NSG 606 Clinical Management of Family Health III 2 Credits

(90 hours; 84 preceptor hours, 6 hours post-conference)

Students will apply advanced physical examination and diagnostic reasoning knowledge and skills to children and adolescents in primary care. Comprehensive, integrated care of pediatric patients, their health promotion needs, evaluation of growth and development, family and cultural dynamics, physical and psychosocial status are covered. The APN direct care, teaching-coaching, and management of patient health/illness status role competencies will serve as a foundation for the comprehensive, integrated management of acute/episodic and chronic health problems of children and adolescents in primary care settings.

*Pre-requisites: NSG 523, NSG 524, NSG 605*

NSG 607 Research for Evidence-Based Primary Care 3 credits

This course builds upon undergraduate statistics and nursing research courses and prepares advanced practice students to use the evidence-based information to critically appraise practice innovations for their relevance and appropriateness to primary care practice. Emphasis is placed on identifying appropriate focused clinical questions to address health problems of individuals and families in the primary care setting; locating, critically appraising and synthesizing best evidence; and applying relevant theoretical frameworks for translating research evidence into practice

*Pre-Requisites: Basic Statistics; Undergraduate Nursing Research; NSG 601*

NSG 608 Family Health and Disease Management IV 2 Credits

This course focuses on the integrated healthcare management of gynecological and reproductive health concerns of women throughout the lifespan. Course content includes developmental, physiological, pathological, and psychosocial changes relative to health maintenance, illnesses and life transitions in women. Emphasis is placed on comprehensive, coordinated care in the primary care setting.

*Co-requisite: NSG 609*

NSG 609 Clinical Management of Family Health IV 2 Credits

(90 clinical hours- 84 preceptor hours, 6 post-conference hours)

Students will apply advanced physical assessment and diagnostic reasoning knowledge and skills to the gynecologic and reproductive health care needs of women. Emphasis will be placed on

the diagnosis and management of common health concerns of women throughout the lifecycle. The APN direct care, teaching-coaching, and management of patient health/illness status role competencies will serve as a foundation for assessment and management of the health of women.

*Pre-requisites: NSG 523, NSG 524 Co-requisite: NSG 608*

NSG 610 Research Seminar for Evidence-Based Practice 1 credit

This seminar provides students with the opportunity to advance the use of integrated Evidence-Based Practice (EBP) as a framework for advanced nursing practice in the primary care setting. The focus of the seminar is on advancing work on the student's Population, Intervention, Comparison, and Outcomes (PICO) question; establishing the clinical significance of the identified health problem; measurement of outcomes; and devising a plan for implementation and evaluation of the protocol designed to manage common acute and chronic health problems encountered in primary care.

*Pre-Requisites: NSG 607*

NSG 610 Research Seminar for Evidence-Based Practice 1 credit

This seminar provides students with the opportunity to advance the use of integrated Evidence-Based Practice (EBP) as a framework for advanced nursing practice in the primary care setting. The focus of the seminar is on advancing work on the student's Population, Intervention, Comparison, and Outcomes (PICO) question; establishing the clinical significance of the identified health problem; measurement of outcomes; and devising a plan for implementation and evaluation of the protocol designed to manage common acute and chronic health problems encountered in primary care.

*Pre-Requisites: NSG 607*

NSG 611 Family Nurse Practitioner Clinical Synthesis 3 credits

(135 clinical hours- 121 preceptor hours, 14 hours post-conference)

This clinical course serves as a culminating experience in the primary care family nurse practitioner clinical specialization. Students work with clinical preceptors to integrate and apply previously acquired knowledge and skills. The capstone clinical experience focuses on demonstration of competency in the areas of: management of client health/illness status; nurse-client relationship; teaching-coaching function; professional role; managing and negotiating the delivery of health care within a system; and monitoring and ensuring quality of health care practices. Independent clinical management of acute and chronic health problems across the life span is emphasized. Synthesis of practice management skills pertaining to economics, reimbursement for services, time management, and entry into advanced practice nursing is stressed.

*Pre-requisites: NSG 511, NSG 513, NSG 518, NSG 519, NSG 523, NSG 526, NSG 524, NSG 600, NSG 601, NSG 602, NSG 603, NSG 605, NSG 604, NSG 606, NSG 608, NSG 609 (MSN FNP Students only-all courses above and NSG 607, NSG 610, NSG 612)*

NSG 612 Evidence-Based Practice Synthesis for Primary Care

2 credits

Knowledge of integrated evidence-based practice is synthesized as students carry out a capstone EBP project, in collaboration with their clinical preceptors in the primary care setting. Using a small-group seminar approach, students are guided through the implementation, evaluation and dissemination of results.

*Pre-Requisites: NSG 607, NSG 610 Co-Requisites: NSG 611*