

## **MSN - NURSING - GRADUATE**

### **MSN 502 - Advanced Nursing Roles (3)**

Introduces competencies and other foundational components of advanced nursing practices such as history, roles, options and choices that are associated with career development and professional practice. Aspects of advanced practice include the impact upon various roles of uses of technology, evidence-based decision making, organizational leadership, systems change, collaboration and outcomes evaluation.

Offered Fall, Spring, & Summer.

### **MSN 510 - Theories for Advanced Nursing Roles (3)**

Prerequisite: MSN 502 is recommended. Focuses on the use of various theories in advanced nursing roles in response to health related human phenomena in diverse settings. Explores the evolution of nursing models and theories including history, philosophy of science, and utilization.

Prerequisite: MSN 502 is recommended. Offered Fall, Spring, & Summer.

### **MSN 513 - Healthcare Policy/Economics (3)**

Prerequisite: MSN 502 is recommended. Explores characteristics of the current health care environment as it pertains to policy development, health planning, and economic management at the national, state and local levels. Explores multidisciplinary decisions regarding equitable distribution of existing resources, policy development, program evaluation, and client/population outcomes.

Prerequisite: MSN 502 is recommended. Offered Fall, Spring, & Summer.

### **MSN 514 - Health Promotion and Disease Prevention (3)**

Prerequisite: MSN 502 is recommended. Examines traditional and alternative theoretical and conceptual bases of wellness from the perspective of nursing and health. Focuses on assessment, diagnosis, intervention and outcome evaluation of wellness and disease prevention needs and issues encountered in advanced nursing roles.

Prerequisite: MSN 502 is recommended. Offered Fall, Spring, & Summer.

### **MSN 521 - Advanced Health Assessment (2)**

Prerequisite: MSN 502 is recommended. Co-requisite: MSN 522 is required. Examines theoretical knowledge to perform a comprehensive health history and advanced health assessment. Analysis and synthesis of subjective and objective data to identify health problems and develop management plans. Health promotion risk factor identification and recognition of common abnormalities explored.

### **MSN 522 - Advanced Health Assessment Lab (1)**

Prerequisite: MSN 502 is recommended. Co-requisite: MSN 521 is required. Application of advanced physical assessment skills and knowledge necessary to perform a comprehensive health assessment. Hands-on supervised skills workshop integrates systematic assessment principles, appropriate health assessment techniques, guidelines and considerations for patients across the lifespan.

Prerequisite: MSN 502 is recommended.. Corequisite: MSN 521 is required.. Fall, Spring and Summer.

### **MSN 523 - Family Assessment: Theory and Practice (3)**

Prerequisites: MSN core courses; MSN 526, 527 and 528 can be taken concurrently with instructor permission; Corequisite: MSN 541 for PC Role Option Students only. Focuses on the theoretical underpinnings specific to the biopsychosocial and developmental aspects of the family during the childbearing and child rearing years. Examines the conceptual basis of advanced practice nursing within the context of family assessment, interventions and strategies. Places emphasis on the family unit within a culturally diverse environment.

Prerequisite: MSN core courses; MSN 526, 527 and 528 can be taken concurrently with instructor permission; Corequisite: MSN 541 for PC Role Option Students only. Offered Fall term only.

### **MSN 526 - Pharmacology (3)**

Prerequisites: MSN 502 is recommended or permission of Director. Examines theoretical basis for pharmacological treatment of common health problems. Discusses selected classification of drugs with emphasis on pharmacokinetic

principles, pathophysiological basis for therapeutic use, adverse effects, drug interactions, contraindications for use, patient education and issue of compliance.

Prerequisite: MSN 502 is recommended or permission of Director. Offered Fall, Spring, & Summer.

**MSN 528 - Advanced Pathophysiology (3)**

Prerequisite: Upper-division undergraduate Pathophysiology course. Focuses on application of advanced knowledge of the complex physiological functions and pathophysiological processes related to the care of individuals with health care problems. Discusses alterations in function, and adaptive, integrative and regulatory mechanisms at the molecular, cellular, organ and system levels.

Offered Fall, Spring, & Summer.

**MSN 529 - Nurse Educator: Curriculum and Teaching (3)**

Prerequisite: MSN 502; Corequisite: MSN 559 is recommended. Prepares the student for the nursing role of educator in a variety of academic and community settings. Analyzes and synthesizes curriculum development and teaching/learning strategies. Develops curriculum and teaching strategies using current nursing and education theory and research designed to meet the needs of diverse learners.

Prerequisite: MSN 502;. Corequisite: MSN 559 is recommended.

**MSN 530 - Research Utilization in Advanced Nursing Practice (3)**

Prerequisite: MSN 502 is recommended. Prepares the nurse to critique and apply research findings in nursing practice. Critical thinking is related to problem identification, assessment of data, and outcome evaluation. Research methodologies, including qualitative and quantitative approaches, are examined and related to nursing informatics.

Prerequisite: MSN 502 is recommended. Offered Fall and Spring.

**MSN 531 - Nursing Ethics (3)**

Prerequisite: MSN 502 is recommended. Examines the theoretical and conceptual bases of ethics from a nursing perspective, including the moral development of nurses. Focuses on analysis, synthesis and resolution of ethical issues encountered in advanced practice nursing. Uses critical thinking to explore ethical relationships involved in delivering health care to diverse populations.

Prerequisite: MSN 502 is recommended. Offered Fall, Spring, & Summer.

**MSN 532 - Nurse Administrator: Societal Institutions (3)**

Prerequisite: MSN 502; Corequisite: MSN 560 is recommended. Examines the advanced role of the nurse administrator within the context of health care organizations, scientific enterprises, government and industry. Investigates current developments in the health care delivery system, including system management. Emphasizes the nurse administrator's leadership in providing health care to diverse populations by diverse providers within multi-level care settings.

Prerequisite: MSN 502;. Corequisite: MSN 560 is recommended.

**MSN 533 - Theoretical Aspects of Aging (3)**

Prerequisites: MSN 502 is required. Corequisite: MSN 549 is required for CNS Adult-Gerontology Role Option students only. Provides comprehensive information on the aging population. Covers normal and abnormal aging changes. The components of Geriatric Syndromes are identified. Learners explore clinical assessment tools, standards of care and client outcomes, including palliative and end-of-life care.

Prerequisite: MSN 502 is recommended; MSN 526, MSN 527 and MSN 528 may be taken concurrently. Corequisite: MSN 544 for CNS Gerontology Role Option students only. Offered Spring term only.

**MSN 534 - Healthcare Aging Pts (3)**

Offered Fall term only.

**MSN 535 - Clinical Management and Differential Diagnosis of Adult Acute Health Problems (3)**

Prerequisites: MSN 550 and MSN 547 are required. Co-requisite: MSN 548 is required. Focuses on clinical decision making in advance practice nursing. Students will learn the application of critical thinking and clinical judgment to differentiate diagnosis and management of common acute care problems in the acute and critically ill adult patient.

**MSN 536 - Advanced Neonatal Nursing I ( )**

Prerequisites: MSN 521, MSN 522 MSN 526 and MSN 528 are required. Co-Requisite: MSN 548 is recommended. Advanced nursing management of well and ill neonates focusing on health promotion and maintenance. Evidence-based strategies for anticipatory planning, screening, support of development, and family-centered care will be explored. Covers symptom management and reviews common medications for the neonate.

Prerequisite: MSN 521, MSN 522. MSN 526, and MSN 528 are required.. Corequisite: MSN 548 is recommended.. Spring only.

**MSN 537 - Advanced Neonatal Nursing II ( )**

Prerequisite: MSN 536 is required. Emphasis on advanced practice nurse clinical decision making for neonatal patients. Students will learn to support newborn adaptation to extra-uterine life and clinically manage common health problems encountered in acutely/critically ill neonates.

Prerequisite: MSN 536 is required.. Fall only.

**MSN 538 - Nurse Administrator: Resource Management (3)**

Prerequisite: MSN 502; Corequisite: MSN 570 is recommended. Examines the advanced role of the nurse administrator within the context of resource management. Investigates current developments in health care delivery, including financial management, labor relations, and human resource management. Emphasizes leadership development within multi-level care settings.

Prerequisite: MSN 502;. Corequisite: MSN 570 is recommended.

**MSN 539 - Nurse Educator: Testing and Evaluation (3)**

Prerequisite: MSN 502; Corequisite: MSN 569 is recommended. Prepares the student for the nursing role of educator in a variety of academic and community settings. Analyzes and synthesizes testing and evaluation strategies. Examines current topics and issues related to student assessment and evaluation of learning outcomes using nursing and education theory and research designed to meet the needs of diverse learners.

Prerequisite: MSN 502;. Corequisite: MSN 569 is recommended.

**MSN 540 - Clinical Management of Acute Pediatric Health Problems (4)**

Emphasis on advanced practice nurse clinical decision making for pediatric patients. Student will learn the application of critical thinking and clinical judgment to develop differential diagnoses and manage common problems in the acute and critically ill pediatric patient.

Prerequisite: MSN 550. Fall.

**MSN 544 - Gerontology CNS Role Perf I (3)**

Offered Spring term only.

**MSN 545 - Gerontology CNS Role Perf II (4)**

Offered Fall term only.

**MSN 546 - Gerontology CNS Role Perf III (3)**

Offered Spring term only.

**MSN 547 - Clinical Nurse Specialist Role Performance I (3)**

Prerequisites: MSN 502, MSN 513, MSN 514, MSN 521, MSN 522, MSN 526, MSN 528, MSN 530 and MSN 531 are required. 144 hour practicum to apply theories for execution of CNS role in clinical settings with a specialty/population focus. Under supervision, the student is provided opportunities for role socialization, exploration of CNS responsibilities, and development of novice competencies. CR/NC grading only.

Prerequisite: MSN 502, MSN 527, MSN 528 and MSN 530 MSN 513, MSN 514, MSN 526, MSN 531 are recommended. Corequisite: MSN 550.

**MSN 548 - Clinical Nurse Specialist Role Performance II (4)**

Prerequisites: MSN 550 and MSN 547 are required. MSN 513, MSN 514, MSN 526 and MSN 531 are recommended. This 212 hour practicum requires the application of evidence-based practice and education principles in the clinical setting. Students will focus on health problems commonly encountered in the population of focus. CR/NC grading only.

Prerequisite: MSN 550 and MSN 547 MSN 513, MSN 514, MSN 526 and MSN 531 are recommended.

**MSN 549 - Clinical Nurse Specialist Role Performance III (3)**

Prerequisites: MSN 547, MSN 548, and MSN 550 are required

This 144 hour practicum focuses on the CNS role in managing clinical outcomes. Students will provide consultation and wellness services, explore clinical concerns at the organizational level, and prepare for professional practice as a CNS.

Prerequisite: MSN 550, MSN 547 and MSN 548 are required.

**MSN 550 - Theoretical Foundations of Clinical Nurse Specialist Practice (3)**

Prerequisites: MSN 502, MSN 513, MSN 514, MSN 521, MSN 522, MSN 526, MSN 528, MSN 530, and MSN 531 are required. Co-requisite: MSN 547 is required. A conceptual basis of advanced nursing practice for the Clinical Nurse Specialist (CNS) role is established. Students will learn CNS practice models, family theories, leadership theories, decision-making models, organizational theories, change management, care coordination and management of transitions care.

Prerequisite: MSN 502, MSN 527 and MSN 530 MSN 513, MSN 514, MSN 526, MSN 528 and MSN 531 are recommended. Corequisite: MSN 547.

**MSN 555 - Quality Improvement in Health Care (3)**

Prerequisite: MSN 502 is recommended. Explores the historical evolution of quality initiatives in health care and defines current concepts in quality assessment and improvement. Emphasizes organizational performance, outcomes assessment, management and effectiveness, and the role of the advanced practice nurse.

Prerequisite: MSN 502 is recommended. Offered Fall and Spring.

**MSN 556 - Primary Care of the Family I (4)**

Prerequisite: MSN 526, MSN 527 or permission of Director. Concurrent enrollment in MSN 558 is recommended. Examines theoretical basis for pharmacological treatment of common health problems. Emphasis will be placed on comprehensive assessment and management of common acute health problems seen in the care of clients across the life span.

Prerequisite: MSN 526, MSN 527 or permission of Director Concurrent enrollment in MSN 558 is recommended. Offered Fall, Spring, & Summer.

**MSN 558 - Family Nurse Practitioner: Role Performance I (3)**

Corequisite: MSN 556 is recommended. Emphasizes comprehensive assessment and management of common acute health problems seen in the primary care of clients across the life span. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and an individual preceptor. CR/NC grading.

Corequisite: MSN 556 is recommended.

**MSN 559 - Nurse Educator: Role Performance I (3)**

Prerequisite: MSN 502. Corequisite: MSN 529 is recommended. Provides the opportunity for implementing the nurse educator role in an education or health care setting. Applies curriculum development and didactic and clinical teaching/learning concepts and strategies, under supervision by the instructor and a preceptor. Requires 144 hours of practice in teaching. CR/NC grading.

Prerequisite: MSN 502. Corequisite: MSN 529 is recommended.

**MSN 560 - Nurse Administrator: Role Performance I (3)**

Prerequisite: MSN 502; Corequisite: MSN 532 is recommended. Provides the opportunity to implement the nurse administrator role in a selected health care setting by focusing on forces shaping the role of the departmental nurse leader and institutional governance. Applies valid and reliable measures of evaluation to organizational and nurse administrator performance, under supervision by the instructor and a preceptor. Requires 144 hours of practice in administration. CR/NC grading.

Prerequisite: MSN 502; Corequisite: MSN 532 is recommended.

**MSN 561 - Primary Care of the Family II: Pediatric Health (2)**

Prerequisites: MSN 556 and MSN 558 are required. Co-requisites: MSN 568 or MSN 548 is required. Theoretical and conceptual basis for advanced practice nurses focusing on children, newborn through adolescence. Emphasis on assessment, diagnosis, and management of common age-related wellness and acute health conditions seen in pediatric settings. Culturally sensitive health promotion and maintenance of children.

Prerequisite: MSN 556 and MSN 558 are required.. Corequisite: MSN 568 or MSN 548 is required. Spring.

**MSN 562 - Primary Care of the Family II: Women's/Gender Health (2)**

Theoretical and conceptual basis for advanced practice nursing diagnosis and management of common and acute gender-related health conditions. Male and female reproductive health, pregnancy, contraception, infertility, menopause and sexuality will be explored, including culturally sensitive health promotion and maintenance.

Prerequisite: MSN 556 and MSN 558 are required. Corequisite: MSN 568 is required. Spring.

**MSN 565 - PathoPharmacology for Nurse Educators (3)**

Integrates advanced pathophysiology with pharmacotherapeutics for nurse educators, enhancing knowledge and skills of pharmacodynamics and pharmacokinetics as they relate to pathophysiological processes in each body system.

Prerequisite: None. Fall.

**MSN 568 - Family Nurse Practitioner: Role Performance II (3)**

Prerequisites: MSN 556 and MSN 558. Corequisite: MSN 566 is recommended. Emphasizes comprehensive assessment and management of common acute health problems seen in women and children. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Includes reproduction, pregnancy, contraception, growth and development, as well as health promotion and health maintenance for women and children. Requires 144 hours of clinical practice under supervision by a faculty instructor and individual preceptor. CR/NC grading.

Prerequisite: MSN 556 and MSN 558. Corequisite: MSN 566 is recommended.

**MSN 569 - Nurse Educator: Role Performance II (3)**

Prerequisite: MSN 502; Corequisite: MSN 539 is recommended. Provides the opportunity for implementing the nurse educator role in an education or health care setting. Applies assessment and evaluation concepts and strategies in didactic and clinical teaching/learning situations, under supervision by the instructor and a preceptor. Requires 144 hours of practice in teaching. CR/NC grading.

Prerequisite: MSN 502;. Corequisite: MSN 539 is recommended.

**MSN 570 - Nurse Administrator: Role Performance II (3)**

Prerequisite: MSN 502; Corequisite: MSN 538 is recommended. Provides the opportunity to implement the nurse administrator role in a selected health care setting according to professional and regulatory requirements. Focuses on formulating a nursing service plan for integrating quality measures with cost control and case management practice, under supervision by the instructor and a preceptor. Requires 144 hours of practice in administration. CR/NC grading.

Prerequisite: MSN 502;. Corequisite: MSN 538 is recommended.

**MSN 576 - Primary Care of the Family III (4)**

Prerequisite: MSN 556 and MSN 558 are required. Co-requisite: MSN 578 is required. Examines theoretical and conceptual basis for advanced practice as Family Nurse Practitioner. Emphasis is on comprehensive assessment and management of increasingly complex acute and chronic health problems across the life span for culturally diverse individuals and families.

Prerequisite: MSN 556 and MSN 558 are required. . Corequisite: MSN 578 is required. Offered Fall, Spring, & Summer.

**MSN 578 - Family Nurse Practitioner: Role Performance III (3)**

Prerequisites: MSN 566 and MSN 568. Corequisite: MSN 576 is recommended. Emphasizes growth in independent practice in providing comprehensive assessment and management of common chronic health problems seen in the primary care of clients across the life span. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and an individual preceptor. CR/NC grading.

Prerequisite: MSN 556 and MSN 558. Corequisite: MSN 576 .

**MSN 580 [I] - Clinical Nurse Leader Theory I (3)**

Prerequisites: MSN 502, MSN 513, MSN 514, and MSN 530 are required. Co-requisite: MSN 581 is required. Restricted to CNL Option students. Explores the function of the Clinical Nurse Leader in a variety of settings. There is a focus on the microsystem leadership with lateral integration of safety, risk reduction, and quality improvements into the healthcare unit. Students will use evidence-based practice for care improvement and will analyze systems using informatics to measure outcomes.

Prerequisite: MSN 502, MSN 513, MSN 514, MSN 530 and Nurse Leadership course. Corequisite: MSN 581. Infrequently Offered.

**MSN 581[I] - Clinical Nurse Leader Role Performance I (3)**

Prerequisite: MSN 502, MSN 513, MSN 514, and MSN 530 are required. Restricted to Clinical Nurse Leader Role Option. Co-requisite: MSN 580 is required. Focuses on implementation of the CNL role in a selected healthcare Microsystems. The 150 hour clinical experience is designated for the student to develop expertise in clinical leadership with a focus on aggregates. With guidance from a nurse preceptor, students will assume increasing independence in identifying problems requiring quality improvement, risk reduction, and patient safety management. CR/NC grading.

Prerequisite: MSN 502, MSN 513, MSN 514, MSN 530 and Nurse Leadership course. Corequisite: MSN 580. Infrequently Offered.

**MSN 582 [I] - Clinical Nurse Leader Theory II (2)**

Prerequisites: MSN 580 and MSN 581 are required. Co-requisite: MSN 583 is required. Explores the function of the Clinical Nurse Leader in a variety of settings. There is focus on the microsystem leadership with lateral integration of safety, risk reduction, and quality improvements into the healthcare unit. Students will used evidence-based practice for care improvement and will analyze systems using informatics to measure outcomes.

Prerequisite: MSN 580 and MSN 581. Corequisite: MSN 583. Infrequently Offered.

**MSN 583 - Clinical Nurse leader Role performance II [I] (3)**

Prerequisite: MSN 580 and MSN 581 are required. Co-requisite: MSN 582 is required. Restricted to majors. Focuses on implementation of the CNL role in a selected healthcare microsystem. In this 150 hour clinical experience, the student will develop expertise in clinical leadership with a focus on aggregates. With guidance from a nurse preceptor, students will implement strategies to address identified problems requiring quality improvement, risk reduction and patient safety management. CR/NC grading.

Prerequisite: MSN 580 and MSN 581. Corequisite: MSN 582. Offered Summer term only.

**MSN 588 - Family Nurse Practitioner: Role Performance IV (3)**

Prerequisites: MSN 576 and MSN 578. Provides an opportunity to integrate evidence based research into clinical evaluation and implementation of primary health care of clients across the life span. Emphasizes evaluation of the impact of community, cultural, socioeconomic, and psychosocial factors on the health care needs of individuals and families within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and individual preceptor. CR/NC grading.

Prerequisite: MSN 576 and MSN 578.

**MSN 594 - Independent Study (1-3)**

A course of study designed cooperatively by student and instructor, and approved by the Director, to accomplish individualized learning objectives that are appropriate to the role of the professional nurse. (Students should contact their advisor prior to enrolling to determine the appropriateness of this course for degree completion.)

Offered Fall, Spring, & Summer.

**MSN 595 - Special Topics/Colloquia (1-3)**

This course offers student groups an opportunity to explore a topic of current interest to the nursing profession with colleagues, faculty and special guest speakers.

Offered Fall, Spring, & Summer.