

# Master of Science in Nursing Courses

## **ACNS 571 Clinical Nurse Specialist Practice in Contemporary Health Care (2)**

Examines the roles of the CNS within the three spheres of influence: patients/clients, nursing personnel, and organization/network. Theories and strategies of change and leadership, negotiation, consultation, teaching and learning, and research evaluation, facilitation, and utilization are discussed in relation to the CNS role. Co-requisite: MSNC 511 or permission of instructor.

## **ACNS 572 Management of Acutely Ill Adult (3)**

Emphasis on symptoms and functional problems of non-disease-based and disease-based etiologies in acutely ill adults and on clinical decision-making regarding diagnosis and treatment of patient symptoms and problems commonly seen in acute/critical care settings. Students analyze clinical data from multiple sources, making management decisions, and evaluate treatment outcomes through use of case exemplars. Evidence-based literature and clinical case studies are used to evaluate diagnostic reasoning and nursing therapeutics. Focus is on the patient/client and how to use nursing personnel and organizations to produce quality, cost-effective outcomes. Prerequisite: ACNS 571, concurrent enrollment in ACNS 573.

## **ACNS 573 Clinical Nurse Specialist Practicum I (2)**

Provides a faculty-supervised clinical practicum in collaborative practice with CNS preceptors in acute care settings. Focus on integrating knowledge of disease and medical treatments in a holistic assessment of persons while focusing on the differential diagnosis of illness or wellness experiences that have non-disease-based etiologies and require nursing interventions. Works with health care personnel and organizational systems to improve patient outcomes. Includes a seminar component that must be taken concurrently. Minimum grade of "B-" required. Prerequisite: ACNS 571, concurrent enrollment in ACNS 572.

## **ACNS 574 Management of Chronically Ill Adult (3)**

Emphasis on symptoms and functional problems in chronically ill adults and on clinical decision-making regarding diagnosis and treatment of patient symptoms and problems commonly seen in chronically ill adults. Students analyze clinical data from multiple sources, making management decisions, and evaluate treatment outcomes through use of case exemplars. Evidence-based literature and clinical case studies are used to evaluate diagnostic reasoning and nursing therapeutics. Focus is on the patient/client and how to use nursing personnel and organizations to produce quality, cost-effective outcomes. Prerequisite: ACNS 571, concurrent enrollment in ACNS 575.

## **ACNS 575 Clinical Nurse Specialist Practicum II (2)**

Provides a faculty-supervised clinical practicum in collaborative practice with CNS preceptors who work with chronically ill adults. Clinical sites include home care agencies, specialty clinics (cholesterol, CHF, HIV), rehabilitation agencies, and skilled nursing facilities. Focus on integrating knowledge of disease and medical treatments in a holistic assessment of the chronically ill adult while focusing on the illness or wellness experiences that have non-disease-based etiologies and require nursing interventions. Works with health care personnel and organizational systems to improve outcomes for the chronically ill adult. Includes a seminar component that must be taken concurrently. Minimum grade of "B-" required. Prerequisite: ACNS 571, concurrent enrollment in ACNS 574.

### **ACNS 576 Management of Specialty Populations (3)**

Emphasis on maintaining functional status and promotion of quality of life in specialty populations such as HIV/AIDS, CHF, CRD, diabetes. Students analyze data from multiple sources, develop population-based programs of care, and evaluate outcomes in the context of specialty populations. Focus is on the specialty population and how to use nursing personnel and organizations to produce quality, cost-effective outcomes for populations. Prerequisite: ACNS 571, concurrent enrollment in ACNS 577.

### **ACNS 577 Clinical Nurse Specialist Practicum III (2)**

Provides a faculty-supervised clinical practicum in collaborative practice with CNS preceptors who work with specific population such as CHF, diabetes, HIV/AIDS. Focus on integrating knowledge of disease and treatments in the assessment of specific populations. Works with health care organizations and health systems to improve population based outcomes. Includes a seminar component that must be taken concurrently. Minimum grade of "B-" required. Prerequisite: ACNS 571, concurrent enrollment in ACNS 576.

### **ACNS 596 Advanced Practicum in Selected CNS Role (3)**

Focus is on further development of clinical knowledge and expertise in a selected area of CNS practice and the design and/or implementation of a clinical project related to the CNS advanced practice role. The project represents an innovative approach to a clinical problem or professional issue relevant to the practice site selected and is based on integration of nursing and health-related theory and research. Seminars with CNS faculty provide opportunities to explore both CNS role development issues and the process of initiating planned change in the practice setting. Minimum grade of "B-" required. Prerequisites: Core courses, two CNS practica, or consent of instructor.

### **APNC 520 Pathophysiology (3)**

Builds on foundational knowledge of normal physiology to extend students' abilities to analyze the physiological disruptions that accompany a wide range of alterations in health. Content is applied to selected primary care patient situations as a basis for interpreting assessment data and developing appropriate health care regimens for common disease processes.

### **APNC 521 Primary Care: Physical Assessment and Diagnosis (4)**

Focuses on theoretical and practical principles of holistic advanced health assessment across the lifespan. Emphasis is on methods of comprehensive data gathering and analyses, including history taking and physical examination, screening for common diseases, diagnostic procedures, and clinical decision-making. Laboratory experiences and clinical placement with a clinician preceptor in the community provide the opportunity for the integration and application of theory. Introduces students to advanced clinical practice roles. Minimum grade of "B-" required. Prerequisites: APNC 520 and successful completion of a pretest of basic health assessment knowledge or consent of the instructor.

### **APNC 522 Acute Care: Physical Assessment and Diagnosis (3)**

Provides a theoretical base for health assessment of the acutely ill individual. It is designed to prepare graduates of the MS/CNS and MS/CNL tracks with the knowledge and skills to make appropriate focused assessments, develop differential diagnoses, and draw accurate conclusions about physiological/psychosocial instability, complications, and/or sequelae to disease processes and/or therapeutic interventions. Includes theory and laboratory components. Prerequisite or co-requisite: RN licensure, APNC 520, and successful completion of a basic health assessment course.

### **APNC 523 Pharmacology in Health Management (3)**

Provides advanced knowledge of pharmacokinetics and pharmacotherapeutics to enable the advanced practice nurse to initiate appropriate pharmacological treatment in the management of health problems commonly seen in primary care settings, and to monitor the effects of established drug regimens and modify them to improve clients' health states and quality of life. Prerequisite: NPTC 520 or consent of instructor.

### **ENLC 500 Health Care Leadership, Values, and Social Justice (3)**

Examines leadership theories, corporate ethics, values-focused strategies and principals of social and health care justice that can be actualized across the spectrum of health care settings. Synthesis of the literature is required to support development of clinical project relevant to a health care setting.

### **ENLC 553 Financial Management in Health Care Systems (3)**

Provides a forum for the exploration and evaluation of the financial environment of the health care industry and how it specifically affects the role of the nurse manager and the nurse executive. The course will emphasize the development of practical financial analysis skills that will provide students with a foundation for immediate application within the health care delivery system.

### **ENLC 554 Health Care Information Management (3)**

Provides an introduction to information management within health care systems. Emphasizes computerized database development and issues associated with application of such databases in health care systems. Prerequisite: Basic computer literacy.

### **ENLC 555 Resource Management in Health Systems (3)**

Focuses on the management of human, financial, and material resources in health systems. Designed for health professionals seeking careers as operations managers in health care delivery systems. Emphasizes cost-effective use of resources to accomplish organizational objectives. Prerequisites: MSNC 512, ENCL 500, GSBA 502

### **ENLC 556 Management of Health System Care Delivery and Outcomes (3)**

Focuses on the process of health care delivery from a systems perspective and emphasizes continuous process improvement as crucial to achieving high quality outcomes. Addresses health system outcome measurement and evaluation and analysis of research on organizational effectiveness. Prerequisites: ENLC 554 and MSNC 511, ENLC 500 and GSBA 502.

### **ENLC 557 Strategic Planning and Management of Health Systems (3)**

Emphasizes strategic planning and management as requisite to growth and survival of health care systems. Acquaints students with the language, processes, tools, and techniques of strategic planning and marketing that will enable them to contribute effectively to strategic thinking and action in health care systems. Prerequisites: Most of ENLC 554-556 sequence.

**ENLC 591 Administrative-Management Practicum in Health Care Systems (3)**

Under guidance of a nurse manager preceptor in a health care setting, students observe various managerial skills associated with the management process (e.g., human resources development, fiscal management, strategic planning and forecasting, marketing, and political maneuvering). The course is student-driven with seminars providing a forum for discussion of clinical observations as they relate to descriptive and research-based administrative literature as well as issues and trends in nursing administrative practice. Minimum grade of “B-” required. Requires submission of ‘Intent to Register’ form. Prerequisites: Most of the courses in the ENLC 554-556 series, or consent of instructor.

**ENLC 598 Independent Practicum (3)**

Identification of a nursing practice problem and design of an innovative approach through integration of related theory and research. Minimum grade of “B-” required. Requires submission of Intent to Register form and project approval. Prerequisites: Most of the courses in the ENLC 554-556 series, or consent of instructor.

**MSNC 503 Nursing Practice with Diverse Families in Communities (2)**

Analyzes theories and concepts that provide the framework for nursing practice and research with families across the lifespan. Pre/co-requisite: NURS 202 or consent of instructor.

**MSNC 511 Evidence Based Practice: Role of Theory and Research (3)**

This course is intended to explore and critique the theoretical foundations of nursing science as a basis for the development of research. Emphasis is placed on the relationship of theory and research to the knowledge base and practice of nursing.

**MSNC 512 Influencing the Health Care Environment: Policy and Systems (3)**

Provides an understanding of nursing’s leadership role in the analysis and evaluation of policy, organization, and financing of health care. Focusing on the organization of health care systems, the political and economic forces that influence health care delivery, and the formulation of policies affecting health care.

**MSNC 599 Independent Study (1-3)**

Repeatable for credit. Requires submission of independent study form and faculty approval.

**MSNE 516 Mind-Body-Spirit and Health Care (3)**

Focuses on promoting integration of body, mind, and spirit through incorporating the best of both conventional and complementary approaches to health promotion and the diagnosis and treatment of a variety of common health problems. Explores the role of the nurse as healer and the healing modalities commonly used within nursing, as well as the science of psychoneuroimmunology and quantum physics that underlie the phenomena of mind-body healing. Compares and contrasts selected culturally-based, holistic systems of knowledge concerning health and illness to identify commonalities and differences in these major healing traditions. Addresses ethical and business considerations related to integrating conventional and complementary approaches in ambulatory care.

**MSNE 517 Mind-Body-spirit and Health Care Practicum (2)**

Provides clinical practice in primary care settings wherein the health care providers include biomedically-trained physicians and advanced practice nurses as well as providers of complementary therapies, or where patients are frequently referred to appropriate providers of complementary therapies in the community. Supervision is provided by advanced practice nurse faculty; weekly seminars assist in the synthesis of didactic and clinical learning within the context of actual clinical cases. At least one credit concurrent with NPTC 516. (Repeatable for credit)

**MSNE 532 Theory of Nursing Education (3)**

Preparation for teaching in a variety of institutional settings. Focuses on the nature of higher education, faculty role, curriculum design, the instructional process, evaluation and issues in nursing education.

**MSNE 542 Latino Health: Sociocultural and Family Perspectives (3)**

Explores the cultural values and belief systems that influence health behaviors within the context of the underserved Latino/a family. Addresses the economic, educational, and political disparities that influence their access and utilization of health care services. Focuses on the cultural sensitivity requisite to effective inter-cultural communication between healthcare provider and underserved Latino/a families and communities. Strategies for empowerment will be applied to the process of health care provision and community-based interventions to improve the health of Latino/s population.

**MSNE 543 Practicum in Latino Health Care (2)**

Provides clinical experiences in assessment and management of acute and chronic health problems prevalent among Latino clients and their families across the age span. Emphasizes strategies for health promotion, prevention, and early detection of disease in this population. Focuses on effective intercultural communication, sensitivity to traditional Latino health beliefs, application of culture-brokering, and client empowerment strategies in the process of providing access to, and continuity of care to members of this medically underserved population. Minimum grade of "B-" required. Includes a seminar component that must be taken concurrently. Prerequisite: NPTC 542.

**NPTC 513 Behavior and Development: Birth through Adolescence (2)**

Analysis of advanced concepts of behavior and development in infants, children, and adolescents. With this foundation, the components of health supervision, health promotion, and management of common variations in children's behavior and development by the nurse practitioner in primary care will be presented. The perspective of the parent/guardian and family will be integrated into this discussion. Emphasis will be placed upon the care of vulnerable pediatric populations from sociocultural, ethical, and health policy perspectives. Co-requisite: APNC 521.

**NPTC 514 Behavior and Development Practicum: Birth through Adolescence (1)**

Provides clinical experience in the assessment and management of normal variations and problems in the growth, development, and behavior of infants, children, and adolescents in a variety of pediatric primary care settings. Clinical supervision is provided by pediatric nurse practitioner faculty and on-site preceptors. Includes a seminar component that must be taken concurrently which provides opportunities for synthesis of theoretical and experiential learning as well as professional role development. Minimum grade of "B-" required. Prerequisites: APNC 520, 521, NPTC 513.

**NPTC 518 Advanced Practice Nursing in Urgent/Emergent Care (5)**

Focuses on the role of the nurse practitioner in urgent/emergent care settings and on the development of advanced knowledge and skills requisite to providing effective, efficient, and high quality care to individuals across the age span with common urgent/emergent health problems. Complemented by skills lab sessions that build on basic NP preparation and experience and prepare students for the specific demands of practice in urgent/emergent care environments. Prerequisite: Admission to Post-FNP Urgent/Emergent Care Subspecialty, concurrent enrollment in NPTC 519.

**NPTC 519 Urgent/Emergent Care Practicum (5)**

Provides clinical experiences in urgent/emergent care settings focused on integrating theory with practice in the diagnosis and treatment of acute and chronic conditions commonly seen in these settings. Emphasizes the scope of NP practice in urgent/emergent care settings, principles of episodic care, and gaining competence in advanced technical skills. Seminars with NP faculty provide opportunities to integrate theoretical knowledge with ongoing clinical experiences. Prerequisite: Admission to Post-FNP Urgent/Emergent Care Subspecialty, concurrent enrollment in NPTC 518.

**NPTC 528 Health Management of the Child (3)**

Emphasizes assessment and management of common health states in individuals from birth through adolescence in a collaborative primary care setting. Students are provided with a theoretical basis for developmental and functional health, including guidelines for health promotion and disease prevention. The theory base for the diagnosis and management of common pediatric problems is also presented, including pharmacological and other treatment modalities. Emphasis is placed on the child as an individual, member of a family, and member of the community. Prerequisites: NPTC 513, 514, 520, 521; concurrent enrollment in NPTC 538.

**NPTC 530 Adult Health Management I (3)**

Focuses on management of health/disease states in selected body systems from late adolescence through late adult years. Provides the student with a theoretical base for identification, diagnosis, management, and evaluation of acute and chronic health problems prevalent in adult populations. Also focuses on health promotion and disease prevention in adults as members of culturally diverse families and communities. Care strategies based on a nursing model that includes holistic assessment, anticipatory guidance, and health education are discussed. Prerequisites: APNC 521 or consent of instructor; concurrent enrollment in NPTC 531.

**NPTC 531 Adult Health Management I Practicum (2)**

Provides clinical experience in assessment and management of acute and chronic health problems of adults from late adolescence to late adulthood. Focuses on holistic health promotion and maintenance, early detection of disease states in asymptomatic individuals, and self-management of preventive behaviors. Minimum grade of "B-" required. Concurrent enrollment in NPTC 530.

**NPTC 532 Adult Health Management II (3)**

Focuses on management of health/disease states in selected body systems from late adolescence through late adult years. Provides the student with a theoretical base for identification, diagnosis, management, and evaluation of acute and chronic health problems prevalent in adult populations. Also focuses on health promotion and disease prevention in adults as members of culturally diverse families and communities. Care strategies based on a nursing model that includes holistic assessment, anticipatory guidance, and health education are discussed. Prerequisites: APNC 521 or consent of instructor; concurrent enrollment in NPTC 533.

**NPTC 533 Adult Health Management II Practicum (2)**

Provides clinical experience in assessment and management of acute and chronic health problems of adults from late adolescence to late adulthood. Focuses on holistic health promotion and maintenance, early detection of disease states in asymptomatic individuals, and self-management of preventive behaviors. Minimum grade of “B-” required. Concurrent enrollment in NPTC 532.

**NPTC 534 Health Management of the Frail Elderly (3)**

Focuses on providing a theory base for nursing assessment and management of common physical and psychosocial problems of frail elderly clients in both community and institutional settings. Interrelatedness of multiple health problems and normal age changes among the old-old are discussed in relationship to maintenance of functional ability, independence, and quality of life within a variety of supportive environments. Prerequisites: NPTC 535, 537 or consent of instructor for CNS students; concurrent enrollment in NPTC 536.

**NPTC 535 Management of Adults with Long-Term Health Problems (3)**

Provides a theory base for effective clinical and psychosocial management of complex long-term health problems in adult and older adult clients. Multiple dimensions of chronic illness and its impact on individuals, families, caregivers, and health care systems are discussed. Theoretical perspectives of chronicity are explored, including chronic illness trajectories, psychosocial impact, role adaptations, and lifestyle adjustments required of long-term health problems. The structure, regulation, and financing of the U.S. long-term care system are analyzed, and the impact of various settings and support services within that system on clients and families experiencing chronic illnesses is explored. Selected complex long-term care pathologies and their clinical treatment, and the role of the nurse practitioner in caring for clients with chronic illness are covered. Prerequisites: NPTC 530, 531, 532, 533; concurrent enrollment in NPTC 537.

**NPTC 536 Frail Elderly Health Management Practicum (2)**

Provides a faculty-supervised clinical practicum in collaborative practice with advanced practice nurse and/or physician preceptors in institutional or community settings where frail elderly individuals are provided with preventive services and health promotion, maintenance, and rehabilitation. Emphasizes holistic assessment, maintenance of functional ability, and promotion of quality of life. Minimum grade of “B-” required. Includes a seminar component that must be taken concurrently. Concurrent and/or prior enrollment in NPTC 534. (Repeatable for credit)

**NPTC 537 Adults With Long-Term Health Problems Practicum (2)**

Provides a faculty-supervised clinical practicum in collaborative practice with NP and/or physician preceptors in settings where case management is implemented to facilitate health care transitions and continuity of care for adults and older adults with complex long-term health problems. Emphasizes assisting clients and their families to achieve optimum health, functional ability, and quality of life. Minimum grade of “B-” required. Includes a seminar component that must be taken concurrently. Concurrent enrollment in NPTC 535.

**NPTC 538 Child Health Management Practicum (2)**

Provides a concentrated clinical experience in the assessment, management, and evaluation of infants and children in primary care settings. Minimum grade of “B-” required. Includes a seminar component that must be taken concurrently. Concurrent enrollment in NPTC 528. Lab fee required.

**NPTC 541 Selective Clinical Practicum (1-3)**

Concentrated clinical experience in primary care settings selected by the student to meet individual learning needs/career goals. Minimum grade of “B-” required. Pre/co-requisite: One NP practicum course or consent of the APN Program Director. (Repeatable for credit)

**NPTC 547 Primary Care of Children and Adolescents with Complex Health Problems (3)**

Focuses on assessment and management of complex health states in individuals from birth through adolescence, in a collaborative primary care setting, by the pediatric nurse practitioner. Builds upon concepts of well child care and the management of common pediatric health problems. Presents the theory base for the diagnosis and management of more complex health problems. Includes pharmacotherapeutic modalities. Emphasizes the child as an individual, a member of a family, and a member of a community. Prerequisites: NPTC 513, 514, 528, 538; concurrent enrollment in NPTC 548.

**NPTC 548 Primary Care Practicum of Children and Adolescents with Complex Health Problems Practicum (2)**

Provides clinical experience in the assessment and management of complex health problems of infants, children, and adolescents in primary care settings. Emphasizes clinical diagnostic reasoning and collaboration with other members of the pediatric health care team. Clinical supervision is provided by pediatric nurse practitioner faculty and on-site pediatric preceptors. Includes a seminar component that must be taken concurrently which provides opportunities for synthesis of theoretical and experiential learning as well as professional role development. Minimum grade of “B-” required. Prerequisites: NPTC 513, 514, 528, 538, concurrent enrollment in NPTC 547. Lab fee required.

**NPTC 549 Primary Care of Children and Adolescents with Chronic Illness (3)**

Examines management of selected chronic illnesses in children from birth through adolescence which can be appropriately managed by the pediatric nurse practitioner in collaborative practice. Provides the theoretical and knowledge bases for diagnosis and management of children with chronic illness in a primary care or subspecialty care setting including well child care, variations in growth and development, and the management of

common pediatric health problems. Emphasizes the child as an individual, a member of a family, and a member of the community. Prerequisites: NPTC 513, 514, 528, 538; concurrent enrollment in NPTC 550.

**NPTC 550 Primary Care of Children and Adolescents with Chronic Illness Practicum (2)**

Provides clinical experience in assessing and managing children and adolescents with common chronic illnesses in the primary care setting. Emphasizes coordination of multi-disciplinary care to assist children, adolescents, and their families to improve self-management of chronic illness and develop behaviors that promote and maintain health. Clinical supervision is provided by NP faculty and on-site preceptors in a variety of ambulatory care settings. Includes a seminar component that must be taken concurrently which provides opportunities to synthesize theoretical and experiential learning as well as develop the professional pediatric practitioner role. Minimum grade of "B-" required. Prerequisites: NPTC 513, 514, 528, 538; concurrent enrollment in NPTC 549. Lab fee required.

**NPTC 582 Women's Health Care (2)**

Prepares NPs for the care of women across the lifespan with an emphasis on the reproductive-gynecological health of the client. Focuses on use of assessment, diagnosis, management, and outcome evaluation in order to provide care that encompasses the psychosocial and physical needs of women. Nationally accepted evidence-based guidelines and standards are applied to promote integrated delivery of women's health care. Prerequisites: NPTC 528, 538 for FNP students, NPTC 532, 533 for ANP students; concurrent enrollment in NPTC 583.

**NPTC 583 Women's Health Care Practicum (1)**

Prepares NPs for the care of women across the lifespan with an emphasis on the reproductive-gynecological health of the client. Focuses on assessment, diagnosis, management, and outcome evaluation using nationally accepted evidence-based guidelines and standards to promote integrated delivery of women's health care. Minimum grade of "B-" required. Prerequisites: NPTC 528, 538 for FNP students, NPTC 532, 533 for ANP students; concurrent enrollment in NPTC 582. lab fee required.

**NPTC 597 Independent Clinical Practicum (1-3)**

Focuses on further development of clinical knowledge and expertise in a selected area of primary care practice and the design and implementation of a clinical project related to the NP advanced practice role. Clinical supervision is provided by nurse practitioner faculty and on-site NP or physician preceptors. Requires submission of Intent to Register form and project approval. The project represents an innovative approach to a clinical problem or professional issue relevant to practice. Minimum grade of "B-" required. Prerequisite: Core courses and two clinical management semesters or consent of instructor. (Repeatable for credit).