

# NURSING (NURS)

## **NURS 5100 - Advanced Health Assessment (3 Credits)**

This online course includes the processes, techniques, and skills of advanced health assessment, building on basic and experiential knowledge of assessment. It is intended to provide the basis for individual student development of expertise in assessing health and illness states. Focus is on didactic and clinical content that the advanced practice nurse utilizes when assessing clients. The processes of systematic assessment, which include communication and planning skills, are emphasized. Clinical judgment, diagnostic and monitoring skills and teaching are integrated as components of assessment.

Lecture hours: 2

Lab hours: 4

## **NURS 5110 - Nursing Roles and Theory (3 Credits)**

This course explores conceptual and theoretical models and areas of advanced specialization as a basis for role development and nursing practice. Theoretical assumptions and conceptual models are related to nursing practice, nursing research, and nursing education.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

## **NURS 5111 - Nursing Theory Development (3 Credits)**

This course explores theoretical assumptions and conceptual models related to nursing practice, nursing research, nursing roles, and nursing education. Other nursing, social, behavioral, and natural science theories are also discussed. This course provides an introduction to conceptual and theoretical thinking. Students will examine knowledge development in nursing, conceptual structures, and their uses as a basis for nursing practice and research. Prerequisites: Admission to the Graduate School. Corequisites: None. Offered: Summer.

Lecture hours: 3

## **NURS 5120 - Advanced Nursing Research (3 Credits)**

This course emphasizes quantitative and qualitative research methodologies and the application of technology in data analysis. Students formulate a beginning approach to proposal development. Prerequisites/Corequisite: NURS 5110. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab). Course examinations will be proctored and additional testing fees may apply.

Prerequisites: NURS 5110 (may be taken concurrently) or NURS 5111

Lecture hours: 3

## **NURS 5210 - Advanced Pathophysiology (3 Credits)**

This course emphasizes the complexity of normal physiological and psychological functions and the disruption of homeostasis in understanding the disease process and/or illness. The involvement of multisystems in the clinical manifestation of the disease process and diagnoses will be delineated.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

## **NURS 5220 - Family Diversity in Vulnerable Communities (2 Credits)**

The students apply concepts, theories, and methodologies of transcultural nursing to clients of diverse populations. Prerequisites: None. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab). Course examinations will be proctored and additional testing fees may apply.

Lecture hours: 2

## **NURS 5410 - Introduction to Family Primary Care (MSN-FNP) (3 Credits)**

The purpose of this course is to present the theoretical basis for advanced health promotion and disease prevention for families. Content will include health maintenance, health teaching, health promotion, developmental issues, counseling, and provision of preventive health care of families. Emphasis is directed toward the care needed to meet the health objectives for individuals, families, and communities as identified in Healthy People 2030, US Preventive Services Task Force and Guide to Clinical Preventive Services as well as national treatment guidelines. Prerequisites: Admission to the Family Nurse Practitioner program and NURS 5100, NURS 5210, NURS 5910 Corequisite: NURS 5410L Offered: Spring.

Prerequisites: NURS 5100 and NURS 5210 and NURS 5910

Corequisites: NURS 5410L

Lecture hours: 3

## **NURS 5410L - MSN-FNP Introduction to Family Primary Care Practicum/ Lab (2 Credits)**

The purpose of this course is to present the clinical basis for advanced health promotion and disease prevention for families. This practicum course involves hands-on experiences across diverse settings, catering to both urban and rural medically underserved families. Clinical settings include community health care centers, migrant centers, family practice sites, and rural health clinics, offering students invaluable exposure to direct patient care experiences. Emphasis is directed toward the care needed to meet the health objectives for individuals, families, and communities as identified in Healthy People 2030, US Preventive Services Task Force and Guide to Clinical Preventive Services as well as national treatment guidelines.

Prerequisites: NURS 5100 and NURS 5210 and NURS 5910

Corequisites: NURS 5410

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 8

**NURS 5421 - Primary Care of Children (MSN-FNP) (5 Credits)**

This course presents the theoretical and clinical basis for advanced health promotion and disease prevention for children, adolescents, and their families. Content will include health maintenance, health teaching, behavioral/developmental issues, counseling, and advanced nursing management of well-child health and selected common childhood illnesses. The focus is on comprehensive care for well-child health maintenance and selected illnesses. Attention is directed toward the care needed to meet the health objectives for children, adolescents and families in Healthy People 2010 consistent with accepted national guidelines. Clinical experiences will provide opportunity for testing and integrating of theory in practice and development of relationships with other health care providers. Clinical experiences will occur in a variety of settings with emphasis on rural and urban underserved children, adolescents, and families. Prerequisites: NURS 5100, NURS 5210, NURS 5410, and NURS 5910. Corequisites: None. Offered: Spring, Summer Credits: 5.00 Credit Hours (3.00 Lecture - 8.00 Lab). Course examinations will be proctored and additional testing fees may apply.

Lecture hours: 3

Lab hours: 8

**NURS 5621 - Advanced-Practice Nursing I (MSN-NE) (5 Credits)**

The first of a two-clinical course sequence in application of theories and concepts related to the clinical nurse specialist role in Community Health, Parent-Child Health, and Psych-Mental Health. Prerequisites: NURS 5111, NURS 5210, NURS 5910, and NURS 5950. Corequisites: None. Offered: Fall, Spring.

Prerequisites: NURS 5210

Lecture hours: 3

Lab hours: 8

**NURS 5910 - Pharmacology in Advanced Nursing Practice (3 Credits)**

This course provides the advanced practice health care provider with knowledge of pharmacological agents used in treatment of adults, adolescents, and young children. Emphasis is on indications, mechanisms of action, prescriptive drugs, protocols, techniques, and dosages. Prerequisites: None. Corequisites: None. Offered: Fall.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

**NURS 5950 - Curriculum Development in Nursing (MSN-NE) (3 Credits)**

This course, designed to prepare the nurse educator for a role in curriculum development will explore putting together a nursing educational curriculum from planning to evaluation.

Lecture hours: 3

**NURS 6000 - Directed Study (1-6 Credits)**

Independent exploration of a topic from a nursing practice, education, or administration perspective. Prerequisites: Department approval. Corequisites: None. Offered: As needed.

Lecture hours: 6

Lab hours: 24

**NURS 6001 - Instructional Strategies and Evaluation (MSN-NE) (3 Credits)**

This course focuses on the implementation of various teaching strategies and the measurement of learning outcomes.

Lecture hours: 3

**NURS 6101 - Primary Care of Women (MSN-FNP) (4 Credits)**

This course presents the theoretical and clinical basis for advanced nursing management of newborns and women. Content includes health maintenance, health teaching, behavioral/development issues, counseling and nursing management of pregnancy and the newborn, and health problems of women. Prerequisites: NURS 5100, NURS 5410, and NURS 5421. Corequisites: None. Offered: Summer.

Prerequisites: NURS 5410

Lecture hours: 2

Lab hours: 8

**NURS 6140 - Primary Care of Women & Childr (4 Credits)**

The purpose of this course is to present the theoretical basis for advanced nursing management of women throughout the lifespan and the advanced health promotion and disease prevention for children, adolescents, and their families. Content will include health maintenance, health teaching, counseling and advanced nursing management of pregnancy, menopause, and other issues related to the health of women. Pediatric content will include health maintenance, health teaching, behavioral/developmental issues, counseling, and advanced nursing management of well child health and selected common childhood illnesses. The focus is on comprehensive care for women, pregnancy, well child health maintenance, and the care and management of selected illnesses. Attention is directed toward the care needed to meet the health objectives for women, children, adolescents, and families in Healthy People 2030 consistent with accepted national guidelines. Prerequisites: Admission to the Family Nurse Practitioner program and NURS 5100, NURS 5210, NURS 5910, NURS 5410, NURS 5410L. Corequisite: NURS 6140L Offered: Summer.

Prerequisites: NURS 5100 and NURS 5210 and NURS 5910 and NURS 5410 and NURS 5410L

Corequisites: NURS 6140L

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 4

**NURS 6140L - MSN-FNP Primary Care of Women and Children Practicum/Lab (3 Credits)**

The purpose of this course is to present the clinical basis for advanced health promotion and disease prevention for women, children, adolescents, and their families. Clinical experiences will enable students to apply theoretical knowledge in real-world scenarios, enhancing their skills and collaborative abilities within interdisciplinary healthcare teams. Clinical experiences will occur in a variety of settings with emphasis on rural and urban underserved women, children, adolescents, and families. Clinical settings may include obstetric offices, pediatric practice sites, and rural and low-income health clinics. Prioritized is the delivery of care tailored to the needs of women, children, adolescents, and families, aiming to achieve optimal health outcomes. The focus is on delivering comprehensive healthcare services that address the needs of women, pregnancy, well-being of children, and the management of specific health conditions.

Prerequisites: NURS 5100 and NURS 5210 and NURS 5410 and NURS 5410L and NURS 5910

Corequisites: NURS 6140

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 12

**NURS 6211 - Primary Care of Adults (MSN-FNP) (3 Credits)**

This course presents the theoretical and clinical basis for health promotion and disease prevention of adults/older adults and their families. Content includes health maintenance, health teaching, developmental issues, counseling and nursing diagnosis and management of common minor acute and chronic health problems found in adults. Prerequisites: NURS 5100, NURS 5210, NURS 5410, NURS 5410L, NURS 5910, NURS 6140, and NURS 6140L Corequisite: NURS 6211L Offered: Summer.

Prerequisites: NURS 5100 and NURS 5210 and NURS 5910 and NURS 5410 and NURS 5410L and NURS 6140 and NURS 6140L

Corequisites: NURS 6211L

Lecture hours: 3

**NURS 6211L - MSN-FNP Primary Care of Adults Practicum/Lab (3 Credits)**

The purpose of this course is to present the clinical basis for advanced nursing management of adult clients. Clinical experiences will occur in a variety of settings providing care to urban and rural medically underserved adults including community health care centers, nursing homes, migrant centers, family practice sites, and rural health clinics. Emphasis is directed toward the care needed to meet the health objectives for individuals, families, and communities as identified in Healthy People 2030, US Preventive Services Task Force and Guide to Clinical Preventive Services as well as national treatment guidelines.

Prerequisites: NURS 5100 and NURS 5210 and NURS 5910 and NURS 5410 and NURS 5410L and NURS 6140 and NURS 6140L

Corequisites: NURS 6211

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 12

**NURS 6310 - Primary Care Issues in Health Promotion of Communities (MSN-FNP) (2 Credits)**

This seminar focuses on care needed to meet the needs of clients with sensitivity to community and cultural differences. Prerequisites: Completion of all clinical and core courses in first four semesters of program. Corequisites: None. Offered: Fall.

Lecture hours: 2

**NURS 6500 - Informatics in Nursing and Healthcare (3 Credits)**

This course provides an introductory knowledge of informatics, with an emphasis on developing an understanding of concepts related to nursing informatics (NI). Nursing Informatics is a specialty that incorporate nursing science, computer science, and information science. The integration of these sciences helps to manage and communicate data, information, knowledge, and wisdom in nursing practice. Offered: Summer.

Prerequisites: (NURS 5100 and NURS 5110)

Lecture hours: 3

**NURS 6505 - Database Systems and Information (3 Credits)**

This course provides an introduction to the components of informatics and then focuses on the tools of informatics, the computer. The primary goal of information management. This knowledge can be created, processed, obtained, and disseminated within the healthcare delivery system to contribute to the decreasing of mortality, morbidity, and disparity. Offered: Summer.

Prerequisites: NURS 5100 and NURS 5110

Lecture hours: 3

**NURS 6510 - Health Policies and Advance Practice Roles (3 Credits)**

This course offers students a comprehensive and analytic overview of the historic and contemporary involvement of government and politics in the development of health policy. Emphasis is on health politics and policy with historical, social, and economic perspectives.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

**NURS 6520 - Interoperability and Workflow in Healthcare Systems (3 Credits)**

This course provides information on how healthcare agencies utilize health information systems to focus on patients and patient safety needs. The difference between data technology and workflow technology is key. Offered: Fall.

Prerequisites: (NURS 5100 and NURS 5111)

Lecture hours: 3

**NURS 6530 - Implementation & Evaluation for Healthcare Systems (3 Credits)**

This course provides instructions on learning and applying numerous techniques, methods, tools, and approaches to help visually capture a system. The emphasis is placed on the implementation of the process to ensure that information systems and networks are operational and there are well-trained users in the operation. Offered: Fall.

Lecture hours: 3

**NURS 6540 - Project Management and Synthesis (3 Credits)**

This course is designed to improve the student's perspective of project management from the perspectives of the two primary roles of project manager: 1) the need to constantly manage trade-offs between the three main goals of scope, time, and cost, and 2) managing risk. This course is designed to develop student's experience for applying knowledge and skills acquired during the nursing informatics program. This course requires completion of 60 practicum hours and improve the student's perspective project management.

Prerequisites: (NURS 6520 and NURS 6530)

Lecture hours: 2

Lab hours: 4

**NURS 6550 - Nursing Informatics-Capstone Practicum (3 Credits)**

This course is designed to provide practicum-capstone experiences for applying knowledge and skills acquired during the nursing informatics program. Practicum I and II are scheduled in the same healthcare setting. Learners select their learning environment based on course objectives and their professional goals, needs, and interests. In Nursing Informatics Capstone Practicum, learners will work with on-ground preceptor, develop a plan for practicum activities and select, initiate, and implement informatics related projects. Learners reflectively discuss their experiences, projects, and related learning in the online course. This course requires completion of 240 practicum hours and improve the student's perspective project management. Offered: Spring.

Prerequisites: (NURS 6500 and NURS 6505 and NURS 6520 and NURS 6530)

Lecture hours: 1

Lab hours: 12

**NURS 6620 - Advanced Teaching Practicum (MSN-NE) (5 Credits)**

This practicum is designed to foster the student's development and competency as an educator. The focus of the experience is the application of curricula and learning theories to instructional design for nursing education. The practicum consists of experiences in both classroom and clinical teaching under the supervision of a senior faculty. The experiences are designed to provide an opportunity for the student to experience a career in the academic world of higher education.

Lecture hours: 1

Lab hours: 16

**NURS 6622 - Advanced Practice Nursing II (MSN-NE) (5 Credits)**

This is the second of the two-clinical course sequence in application of theories and concepts related to the clinical nurse specialist role development in Community Health, Parent-Child Health and Psych-Mental Health. Credits: 5.00 Credit Hours (3.00 Lecture - 8.00 Lab). Prerequisites: NURS 5621. Corequisites: None. Offered: Fall. Course examinations will be proctored and additional testing fees may apply.

Lecture hours: 3

Lab hours: 8

**NURS 6625 - Teaching Education in Practice (6 Credits)**

This course will allow the practical utilization of andragogy, instructional strategies, and curriculum design with the educational setting. Upon successful completion of this course, the advanced practice nurse will be able to apply the foundations of the educational process to healthcare practice to ensure effective and positive patient outcomes. The student will develop expertise as an educator by increasing sensitivity, knowledge, and skill in creating effective teaching programs that reflect an understanding of the learner, context, and content.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

Lab hours: 16

**NURS 6820 - Family Nurse Practitioner Practicum (MSN-FNP) (1 Credit)**

This is an online course. This course is designed to meet eligibility requirements for students taking certification examinations. Content will include a systematic review of health maintenance, health teaching, developmental issues, counseling, and advanced nursing diagnosis and management of common, minor acute and chronic health problems found across the lifespan. This practicum is an integrated clinical experience in the development and implementation of the advanced nurse practitioner role. The focus of the experience is on the integration of the theoretical and clinical components of advanced nursing in family primary care.

Prerequisites: Completion of all coursework for MSN FNP concentration.

Corequisite: NURS 6820L Offered: Spring.

Corequisites: NURS 6820L

Lecture hours: 1

**NURS 6820L - FNP Practicum/Lab (4 Credits)**

This practicum is an integrated clinical experience in the development and implementation of the advanced nurse practitioner role. The focus of the experience is on the integration of the theoretical and clinical components of advanced nursing in family primary care. The role of advanced practitioner in a collaborative and consultative position is emphasized. Students will have a preceptorship in rural/urban family practice settings under the supervision of a clinical preceptor and graduate faculty. This course is designed to meet eligibility requirements for students taking certification examinations.

Corequisites: NURS 6820

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 20

**NURS 6920 - Scholarly Project (3 Credits)**

Research methodologies are used to investigate a nursing problem. Satisfactory completion of a thesis or research project is required. The student may choose to develop the proposal from NURS 5120 for the research activities for this course. Prerequisites: NURS 5120. Corequisites: None. Offered: Fall, Spring, Summer.

Prerequisites: NURS 5120

Lecture hours: 3