

# NURSING (NURS)

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## **NURS 2320 Nutrition**

This course covers the principles and application of evidence-based nutritional therapy throughout the life span for disease prevention and health promotion with integration of influencing variables of physiological, psychological, cultural, religious, and socioeconomic conditions. This course is 3 hours of theory per week.

Prerequisites: BIOL 2301/2101 or BIOL1306/1106 and CHEM 1311/1111 or CHEM 1307/1107 or instructor permission.

## **NURS 2321 Pathophysiology**

This course is a comprehensive study of underlying concepts common to the major pathophysiologic processes of the body. Emphasis is placed upon the concepts essential for understanding the evidence-based rationale for nursing interventions. This course is 3 hours of theory per week.

Prerequisites: BIOL 2301, BIOL 2101, BIOL 2302, BIOL 2102, and Chemistry (any 4 SCH hour with lab).

## **NURS 3310 Pharmacology**

This course focuses on the concepts and principles of pharmacology. The nursing process as it relates to medication therapy is examined. This course is 3 hours of theory per week.

Prerequisites: Admission into the Nursing Program.  
Corequisites: NURS 3410 and NURS 3613.

## **NURS 3311 Cult Determ of Hlth Behave-WIN**

This course explores relationships between cultural phenomena and health behavior. Cultural forces that enhance or reduce the capacity of patients throughout the life span to maintain health are analyzed. This course is 3 hours of theory per week. May be taken during first three semesters while in the nursing program. This course is interchangeable with PHLT 3311.

Prerequisites: Admission into the Nursing Program.

## **NURS 3312 Global Nursing Health-WIN**

The purpose of this course is to examine Global Health problems and challenges within the context of current realities. Looking at health and health care as a basic human right, students will explore health related concepts and trends within a global context. Geopolitical, immigration, socioeconomic conditions, and environmental factors will be analyzed in relation to health and health care delivery. Students will examine multinational corporate activities, the social and health consequences of armed conflict and rapid development, and the ways in which cultural and religious practices and beliefs may influence an individual's health or potential for recovery. This course is interchangeable with PHLT 3312.

## **NURS 3410 Health Assessment**

The emphasis of this course is to instruct students on how to conduct a comprehensive health assessment. Knowledge from the biological sciences is used within the context of the nursing process to develop skills in systematic assessment of patients in all phases of the life cycle. This course is 3 hours of theory and 3 hours of laboratory per week. 42 hours total practicum are required in this course.

Prerequisites: Admission into the Nursing Program.  
Corequisites: NURS 3310 and NURS 3613.

## **NURS 3411 Childbearing&Women's Hlth Nurs**

This course focuses on clinical application of the nursing process in providing culturally competent care to women across the lifespan, neonates, and their families. Clinical experiences allow students the opportunity to synthesize evidence based practices when providing nursing care to these patients, with an emphasis on the childbearing family. This course is 2 hours of theory and 6 hours of practicum per week. 84 hours total practicum are required in this course.

Prerequisites: NURS 3310, NURS 3410, NURS 3412, NURS 3613, NURS 3614 and NURS 4310.

Corequisites: NURS 4410 and NURS 4614.

## **NURS 3412 Psych & Mental Hlth Nursing**

This course focuses on providing culturally competent nursing care for individuals, families and groups experiencing alterations in mental health status. Diverse practice settings are used to develop student competence in therapeutic communication, group process and the counselor role.

This course is 2 hours of theory and 6 hours of clinical per week; 84 hours total practicum are required in this course.

Prerequisites: NURS 3310, NURS 3410, and NURS 3613.

Corequisites: NURS 3614 and NURS 4310.

## **NURS 3613 Basic Nursing**

This course introduces students to the basic foundations of the science and art of nursing. Clinical experiences will allow students to provide patient centered, culturally competent, evidence based nursing care focused on quality and safety, and incorporating health promotion, illness prevention, and health restoration. This course is 3 hours of theory and 9 hours of practicum per week. 126 hours total practicum are required in this course.

Prerequisites: Admission into the Nursing Program.

Corequisites: NURS3410 and NURS 3310.

## **NURS 3614 Adult Health Nursing I**

This course provides an introduction to culturally competent nursing care for adult patients experiencing stable illnesses. Clinical decision making utilizing the nursing process, evidence based research applications, and professionalism in diverse practice settings are introduced. This course is 3 hours of theory and 9 hours practicum per week. 126 total clinical hours are required for this course.

Prerequisites: NURS 3310, NURS 3410, and NURS 3613.

Corequisites: NURS 3412 and NURS 4310.

## **NURS 4199 Current Topics**

An in-depth focus upon current issues impacting the profession of nursing and/or the health of society. May be repeated when topic changes. Open to all students with permission of instructor. To earn credit, this course must be completed with a grade of "C" or better.

## **NURS 4299 Current Topics**

An in-depth course focusing upon current issues impacting global health and the profession of nursing. Open to all RN/BSN students. To earn credit, this course must be completed with a grade of "C" or better.

Prerequisites: Permission of instructor.

**NURS 4310 Nursing Research - WIN**

This course focuses on the introductory use of the research process in the development of nursing knowledge and practice. The student will critically appraise research studies and determine their value in improving client outcomes across the lifespan. The steps of the research process will be explored. This course is 3 hours of theory per week.

Prerequisites: NURS 3310, NURS 3410, and NURS 3613.

Corequisites: NURS 3412 and NURS 3614

**NURS 4399 Current Topics**

An in-depth focus upon current issues impacting the profession of nursing and/or the health of society. May be repeated when topic changes. Open to all students with permission of instructor. To earn credit, this course must be completed with a grade of "C" or better.

**NURS 4410 Child Health Nursing**

This course focuses on clinical application of the nursing process in providing culturally competent care to infants, children, adolescents, and their families. Students will utilize growth and development theories in order to provide evidence based nursing care across the pediatric phase of life. This course is 2 hours of theory and 6 hours of practicum per week. 84 hours total practicum are required in this course.

Prerequisites: NURS 3310, NURS 3410, NURS 3412, NURS 3613, NURS 3614, and NURS 4310.

Corequisites: NURS 3411 and NURS 4614

**NURS 4411 Community Nursing**

This course emphasizes the development of epidemiological principles which provide the framework for conducting community assessments. Students will collaborate with community groups to assess their health care status and the resources (folk and traditional) available in order to address its expressed needs. This course is 2 hours of theory and 6 hours of clinical per week; 84 hours total practicum are required in this course.

Prerequisites: NURS 3311, NURS 3613, NURS 3410, NURS 3310, NURS 3614, NURS 3411, NURS 3412, NURS 4614, NURS 4410, and NURS 4310.

Corequisites: NURS 4613 and NURS 4412

**NURS 4412 Capstone**

This course provides the student the ability to synthesize and apply the knowledge and skills acquired in this academic program to actual nursing problems. The student will demonstrate effective clinical decision making related to nursing practice in order to provide culturally competent and evidence based nursing practice. This course is 2 hours of theory and 6 hours of practicum per week. 84 hours total practicum are required in this course.

Prerequisites: NURS 3613, NURS 3410, NURS 3310, NURS 3614, NURS 3411, NURS 3412, NURS 4614, NURS 4410, and NURS 4310.

Corequisites: NURS 4613 and NURS 4411

**NURS 4499 Current Topics**

An in-depth focus upon current issues impacting the profession of nursing and/or the health of society. May be repeated when topic changes. Open to all students with permission of instructor. To earn credit, this course must be completed with a grade of "C" or better.

**NURS 4599 Current Topics**

An in-depth focus upon current issues impacting the profession of nursing and/or the health of society. May be repeated when topic changes. Open to all students with permission of instructor. To earn credit, this course must be completed with a grade of "C" or better.

**NURS 4613 Nursing Leadership&Management**

This course provides an introduction to the theory and practice of nursing leadership and management which emphasizes the role of nurse leader in professional nursing practice. Key concepts will include critical thinking, effective communication, ethical and legal issues, handling conflict, successful delegation, controlling resources, improving quality and safety, and leading change. This course is 3 hours of theory and 9 hours of practicum per week. 126 hours total practicum are required in this course.

Prerequisites: NURS 3613, NURS 3410, NURS 3310, NURS 3614, NURS 3411, NURS 3412, NURS 4614, NURS 4410, and NURS 4310.

Corequisites: NURS 4411 and NURS 4412.

**NURS 4614 Adult Health Nursing II**

This course provides an expanded knowledge of culturally competent nursing care for adult patients experiencing multi-system and/or complex illnesses. Students will expand their clinical decision making utilizing the nursing process, evidence based research applications, and professionalism in diverse practice settings. This course is 3 hours theory and 9 hours practicum per week. 126 total clinical hours are required for this course.

Prerequisites: NURS 3310, NURS 3410, NURS 3412, NURS 3613, NURS 3614, and NURS 4310.

Corequisites: NURS 3411 and NURS 4410.

**NURS 4699 Current Topics**

An in-depth focus upon current issues impacting the profession of nursing and/or the health of society. May be repeated when topic changes. Open to all students with permission of instructor. To earn credit, this course must be completed with a grade of "C" or better.

**NURS 4799 Current Topics**

An in-depth focus upon current issues impacting the profession of nursing and/or the health of society. May be repeated when topic changes. Open to all students with permission of instructor. To earn credit, this course must be completed with a grade of "C" or better.

**NURS 5211 Diagnostic Laboratory**

This one credit hour clinical course is composed of theory, diagnostic procedures, invasive treatments and protocols designed for the advanced practice nurse. The students will acquire both noninvasive skills and invasive skills in the clinical management of acute and chronically ill clients. Student progress will be evaluated through examinations, papers, class participation, seminars and clinical practice.

**NURS 5230 Advanced Pathophysiology I**

This course is part I of a comprehensive study of the pathophysiologic basis of disease as it affects human beings across the life cycle. Emphasis is placed upon endogenous and exogenous environmental factors that contribute to altered functional balance. The focus is on the cardiovascular, immune, neurologic and renal systems related to mechanisms of disease and specific mechanisms that cause abnormalities resulting in dysfunction. Disease states commonly encountered and managed in primary care settings are emphasized. Prerequisites: NURS5320 or permission of faculty.

**NURS 5231 Advanced Pathophysiology II**

This course is part II of a comprehensive study of the pathophysiologic basis of disease as it affects human beings across the life cycle.

Emphasis is placed upon endogenous and exogenous environmental factors that contribute to altered functional balance. The focus is on the endocrine, gastrointestinal, hematologic, hepatobiliary, lymphatic reproductive and respiratory systems related to mechanisms of disease that cause abnormalities resulting in dysfunction. Disease states commonly encountered and managed in primary care settings are emphasized.

Prerequisites: NURS 5230

**NURS 5232 Advanced Pharmacology I**

This is part I of a course focused on clinical pharmacology and pharmacotherapeutics with emphasis on major drug classes related to the cardiovascular, immune, neurologic and renal systems. Special emphasis is placed on drugs and drug classes used to treat problems commonly encountered in primary care. Co#requisite: NURS 5230

Prerequisites: 5230 or permission of faculty.

**NURS 5233 Advanced Pharmacology II**

This is part II of a course focused on clinical pharmacology and pharmacotherapeutics with emphasis on major drug classes related to the endocrine, gastrointestinal, hematologic, hepatobiliary, lymphatic, reproductive and respiratory systems. Special emphasis is placed on drugs and drug classes used to treat problems commonly encountered in primary care. Co#requisites: NURS 5231.

Prerequisites: 5232.

**NURS 5301 Theoretical Foundations Nurs**

The focus of this course is on the exploration of selected theories and conceptual frameworks, and their relationship to nursing practice and research. Emphasis is on the utilization of theories and models in nursing as a basis for a practice to provide a caring, comprehensive, and holistic approach to health care within a multicultural society.

**NURS 5302 Research Methods/Design in Nur**

This course focuses on the study of a variety of designs and methods of the research process to prepare students to be proficient in the evaluation and utilization of research within the clinical practice setting. Students will have the opportunity to critically examine reported research to determine the utilization of scientific knowledge in order to provide high quality nursing health care, initiate change, and improve patient outcomes. Legal and ethical issues related to research health care are explored and discussed. The interrelationships of theory, research and practice that serve as the basis for clinical and organization decision-making are analyzed.

**NURS 5303 Advanced Pathophysiology**

This course is a comprehensive study of underlying concepts common to the major pathophysiologic processes of the body. The focus of this course is on the interaction of age, life style, culture, gender differences, and intrinsic and extrinsic environmental factors on the dynamic aspects of physiologic mechanisms altered by disease in the human organism. Emphasis is on the pathophysiological concepts essential for understanding the rationale for preventive and therapeutic treatment/intervention.

**NURS 5304 Advanced Practice Role**

This course explores the advanced practice roles of teacher, change agent, researcher, advocate, clinician, consultant, collaborator, and manager of systems. The historical development and acceptance of the nurse practitioner and other advanced practice roles are traced through nursing practice acts, requirements imposed by state nursing boards, national certification efforts, third party payment systems, and various professional organizations. Selected issues such as the scope of practice, political, economic, and legislative influences are analyzed.

**NURS 5305 Advanced Pharmacotherapeutics**

This course covers the essentials of clinical pharmacological therapeutics for advanced practice nursing. Drugs of choice and alternatives for selected disease management, illness prevention and health maintenance will be discussed based on patient/client s age, life style, culture, expected outcomes, protocol utilization, cost and other health conditions.

**NURS 5310 Div & Soci Iss in Hlth Care**

This course focuses on global awareness that is necessary to provide culturally sensitive care. The inclusion of this content helps students to develop an understanding and appreciation of human diversity in health and illness and to assure the delivery of appropriate or individualized health care. Students evaluate and appropriately address social issues that affect health outcomes.

**NURS 5320 Theo Infl,Prac,Rsrch&Adv Role**

The focus of this course is on the exploration of selected theories and conceptual frameworks, and their relationship to nursing practice and research. Emphasis is on the utilization of theories and models in nursing as a basis for practice to provide a caring, comprehensive, and holistic approach to health care delivery within a multicultural society.

Prerequisites: Admission to the MSN program or permission of faculty.

**NURS 5321 Research Methods&Stat Analysis**

This course focuses on the study of research design and methods to prepare students to be proficient in the evaluation and utilization of evidence based practice within the clinical practice setting. Students will critically examine reported research to determine the utilization of scientific knowledge in order to provide high quality nursing health care, initiate change, and improve patient outcomes. Implementation science will be examined.

Prerequisites: Admission to the MSN program or permission of faculty.

**NURS 5322 Healthcare Informatics**

This course focuses on current informational technology strategies related to the management of individuals, groups, and organizations. Students will examine the implementation and use of nursing informatics, and the role of informatics in evidence#based practice.

Prerequisites: NURS 5320.

**NURS 5323 Healthcare Policy&Social Just**

This course focuses on health care policy and cultural as well as ethical issues in patient care. The goal is to create leaders who provide culturally competent care and contribute to the development of policies to reduce health care disparities.

Prerequisites: Admission to the MSN program or permission of faculty.

**NURS 5330 Adv Health Assessment Theory**

This course focuses on the integration of advanced knowledge and skills of health assessment and diagnostic evaluation. Emphasis is on a holistic approach to individuals across the life span. Evidence-based concepts related to health promotion and disease prevention are presented. Critical thinking and diagnostic reasoning skills are developed. Objectives of 2020 along with concepts including family systems, developmental theories, cultural considerations, environmental factors, and spiritual influences and learning styles are explored. Co#requisites: 5331.

Prerequisites: Admission to MSN program or permission of faculty.

**NURS 5331 Adv Health Assessment Pract**

This course focuses on a systems approach to health issues that present in the primary care setting with emphasis on assessment, screening, physical exam and differential diagnosis. Students will concentrate on history taking, physical examination, diagnostic reasoning and assessment. Clinical experiences will enable students to develop clinical reasoning skills that are necessary to perform comprehensive physical examination and develop a differential and final diagnosis in the primary care setting. 135 hours of practicum is required. This course is graded pass/fail.

Corequisites: NURS 5330.

**NURS 5332 Prim Care Adults, Geriatric & Fam**

This course focuses on the theoretical and clinical foundation of advanced practice management of health care problems common to adult and older adults including the frail elderly, individuals and their families. The student will be introduced to the role of nurse practitioner in the primary care management of individuals and families of adult clients. Emphasis is on the application of assessment, wellness and health promotion practices in the comprehensive management and implementation of evidence-based practice in the primary care setting. Population based health disparities and their impact on the health of individuals and families will be explored. Pre or Co#requisites: NURS 5231, 5233. Co# requisite: 5333.

Prerequisites: NURS 5232, 5331.

**NURS 5333 Prim Care Adult, Gertrc & Fam Pra**

This clinical practicum course prepares the NP student to assess, diagnose, monitor, treat and coordinate care of adult individuals and their families who present with common acute, episodic, and chronic conditions in the primary care setting. Population based health disparities and their impact on the health of the individual and their family will be explored. There is 135 hours of practicum required. This course is graded pass/fail. Pre or Co#requisites: NURS 5231 and 5233. Co# requisites: NURS 5332

Prerequisites: NURS 5230 and 5232.

**NURS 5334 Diag Reason & Clin Proced**

This course presents the student with selected clinical diagnostic laboratory, imaging tests and with selected procedures practiced by advanced nurse practitioner in the primary care setting. Clinical decision-making for appropriate tests or procedures, and interpretation of diagnostic test results is addressed. Laboratory, simulation and practicum experiences will facilitate learning of procedures such as suturing, EKG interpretation, dermatologic procedures and radiology. There course is a one credit theory and two credit or 90 hours of practicum required.

Prerequisites: NURS 5332, NURS 5333.

**NURS 5335 Primary Care of Peds & Families**

This course focuses on the role of the advance practice nurse in the management and care of newborns, children, and adolescents in the primary care setting. The emphasis is on the theoretical and practice foundation necessary to manage the pediatric population in a primary care setting. The importance of health promotion, disease prevention, and appropriate screenings as well as the diagnosis and management of common conditions that present in the pediatric/adolescent is stressed. Students will be prepared to function in a team-based, inter-professional collaborative environment that integrates the biomedical, and psychosocial model of patient-centered care.

Prerequisites: NURS 5332 and 5333

**NURS 5336 Prim Care of Ped & Fam Prac**

This course emphasizes the integration and application of theory, health promotion, and disease prevention and provides clinical experiences in ambulatory pediatric primary health care settings. Students will perform comprehensive and appropriate clinical assessments, including appropriate developmental screening, diagnostic testing and therapeutic interventions in order to promote health in the pediatric care setting. This course requires 135 hours of practicum. This course is graded pass/fail..

Prerequisites: NURS 5332, NURS 5333.

Corequisites: NURS 5335.

**NURS 5337 Prim Care Adult & Women's Health**

This course focuses on the theoretical and clinical foundation of advanced practice management of health care problems common to adult individuals and women. Consistent with the emerging definitions of women's health and women's health practice, this course examines a full range of health issues unique to women including societal and political determinants of health, health promotion and patient education. Emphasis is on integration and application of theory, health promotion, disease prevention, diagnostic process and clinical decision making to adult and women's health issues in the primary care setting. Co# requisite: NURS 5430

Prerequisites: NURS 5332, 5333, 5335, 5336, 5334.

**NURS 5340 Organizational Behavior**

This course focuses on the application of organizational behavior theories in the health care setting. The integration of evidence-based practice to improve outcomes is emphasized. Methods for analyzing organizational systems are evaluated.

**NURS 5341 Transformational Leadership**

This course focuses on the analysis, synthesis and application of management science to address current and emerging change and transition in health care systems. Leadership styles for quality/cost management, with a focus on transformational leadership, will be examined.

Prerequisites: NURS 5320.

**NURS 5342 Health Quality Outcomes**

This course focuses on leadership's role in the monitoring and measuring of quality outcomes for the consumer (patient) and organization. Students will examine tools for evaluating operations and care delivery systems, and performance management in diverse workforces and organizational cultures.

Prerequisites: NURS 5320, Pre#Co#requisite: NURS 5321.

**NURS 5343 Finance for the Nurse Exec**

This course focuses on the fiscal environment faced by the nurse executive and clinical manager in health care systems. Application and analysis of financial principles used in planning, budgeting, control, risk analysis, and decision-making in health care programs are examined.

Prerequisites: NURS 5320.

Prerequisites: NURS 5320.

**NURS 5344 Population Health**

This course addresses the study of health and illness trajectories in global health systems along with frameworks designed to address these issues. Methods of predicting utilization are addressed. Topics include emerging health issues, wellness promotion and disease prevention, health education and behavior medication, and disaster preparedness.

Prerequisites: NURS 5320.

**NURS 5406 Advanced Health Assessment**

This course explores the method of collecting a comprehensive data base, including complete functional assessment, health history, and physical examination for patients/clients of all ages and in all phases of individual and family life style. Students will learn key symptom-focused physical exams. Communication of findings maintaining privacy and terseness and meeting legal standards of documentation are emphasized. Students will begin formulating differential diagnosis after interpreting the collected data. The clinical portion offers the opportunity to perform and interpret assessments on patients.

**NURS 5407 FNP I: Wellness&Hlth Promo**

This course is designed to develop theoretical and clinical competencies of the FNP in health promotion of individuals and families in diverse populations in a variety of settings. The focus of the course is on concepts and skills of health promotion, disease prevention, and health maintenance. The emphasis is on: 1) developing advanced practice skills in comprehensive assessment and management strategies that reflect current nursing and medical knowledge to improve patient/client outcomes; and 2) evidence-based research and theory in the promotion of health and prevention of disease across the life span, in the context of healthy communities.

**NURS 5430 Intergrated Family Practicum**

This course emphasizes the full integration of clinical practice management across the life span and builds on knowledge and skills acquired throughout the course of study. Emphasis is on the acquisition of clinical competence in the care and management of individuals (infant, child, adolescent, adult, elder and frail elderly) with episodic, acute and chronic conditions, both simple and complex. 180 hours of practicum is required with 90 of the hours in OB/GYN. This course is graded pass/fail.

Prerequisites: NURS 5332, NURS 5333, NURS 5334, NURS 5335, NURS 5336.

**NURS 5440 Nurse Exec Integ Ldrship Pract**

This is a 180-hour practicum course focused on observation and implementation of administrative principles and competencies covered. The preceptor, faculty, and student identify areas of focus for the practicum based on these principles. Students design practice objectives with their preceptor and faculty. Students complete an administrative collaborative health project.

Prerequisites: All NADM courses in Summer and Fall, Co-requisite: NURS 5341.

**NURS 5509 FNP III:Mgt Acute&Chr III II**

This course builds on the advanced knowledge and skills acquired in FNP I and II. The focus is on developing advanced practice skills in the management of individuals with acute and chronic disorders of selected body systems. Emphasis is on addressing care of unstable and complex health care problems through synthesis and prioritization of historical and immediately derived data. Students critically evaluate clinical guidelines for prevention as well as treatment, and participate in the delivery of care to individuals and families from varying cultures with an emphasis on the financial aspects of primary care.

**NURS 5608 FNP II:Mgt Acute&Chr III I**

This course focuses on clinical management of commonly occurring acute and chronic conditions in primary care settings. Content includes symptom complexes, pathophysiology, epidemiology, clinical management, and prevention of complications. Emphasis is on symptom analysis, diagnostic reasoning, differential diagnosis, prescription and documentation of therapeutic regimens. Attention is given to research-based pharmacological and non-pharmacological treatments and integration of nursing, developmental, family and transcultural theories to the diagnostic and management process. The clinical practice provides the opportunity for the student to perform comprehensive and episodic assessments, practice advanced skills in health assessments, diagnose commonly occurring illnesses, and suggest treatments and referrals under supervision.

**NURS 5612 FNP IV:Integ Clin Pract**

This capstone course builds on advanced knowledge and concepts from FNP I, II, III and the practicum for each course. The emphasis is on continued study of assessment and clinical management of selected health problems frequently seen in primary health care. The clinical portion provides for the development of clinical competence as the student integrates previously acquired knowledge into the enactment of the multiple roles of the nurse practitioner, and allows for a greater degree of interdependent practice based on the student's abilities and progress. The student works with one or more preceptors in multicultural urban and rural communities.