

NURSING COURSES (NRSG)

NRSG 220 **PATHOPHYSIOLOGY (3)** *Prerequisites: CHEM 127, BIOL 222/222L (C or better for all), NRSG 225 (B- or better). Prerequisite or corequisite BIOL223/223L (C or better).* This course introduces the student to major concepts and commonly used terminology related to pathology in each organ system. Selected pathophysiological phenomena, common disease processes, conditions and injuries are analyzed relative to their clinical manifestations and implications for nursing management.

NRSG 225 **NURSING FUNDAMENTALS (3)** *Prerequisite: CHEM 127 (C or better). Prerequisites or corequisites: BIOL 222/222L, BIOL223/223L (C or better).* This course introduces students to concepts, theories, and standards of nursing practice in today's evolving health care systems. Students use the nursing process to examine normal developmental changes across the lifespan from childhood to older adult. Critical thinking is examined as a basis for decision-making in nursing and emphasis is placed on de-

veloping therapeutic nursing interventions and communication skills. Laboratory learning activities provide the student opportunities to practice and demonstrate skill proficiency in a simulated setting.

NRSG 225L NURSING FUNDAMENTALS LAB (1) *Prerequisites: CHEM 127, BIOL 222/222L (C or better for all), NRSG 225 (B- or better). Prerequisite or corequisite: BIOL223/223L (C or better).* Laboratory learning activities provide the student opportunities to practice and demonstrate skill proficiency in a simulated setting.

NRSG 232 HEALTH ASSESSMENT (2) *Prerequisites: CHEM 127, BIOL 222/222L (C or better for all), NRSG 225 (B- or better). Prerequisite or corequisite: BIOL223/223L (C or better).* In this course students are introduced to a comprehensive, systematic approach to health assessment. Students learn the components of a complete health history, including interviewing and documentation. In addition, students are introduced to the techniques of physical assessment and practice in a laboratory setting.

NRSG 232L HEALTH ASSESSMENT LAB (1) *Prerequisites: CHEM 127, BIOL 222/222L (C or better for all), NRSG 225 (B- or better). Prerequisite or corequisite: BIOL223/223L (C or better).* Three-hour skills laboratory must be taken concurrently with NRSG 232.

NRSG 300 NURSING PHARMACOLOGY (3) *Prerequisites: BIOL 214/214L and 215/215L or BIOL 222/222L and 223/223L (C or better).* This course establishes a knowledge base in pharmacology and provides an opportunity to investigate pharmacological principles. Students will focus on the relationship between pharmacological knowledge, nursing practice, and athletic training. Drug prototypes, mechanisms of action, and the implications for clinical management are discussed.

NRSG 300L NURSING PHARMACOLOGY LAB (1) *Prerequisites: Completion of nursing prerequisite courses; corequisite or prerequisite: NRSG 300; concurrent enrollment in 300 level clinical nursing courses required.* The pharmacology lab focuses on principles of safe medication administration. It provides psychomotor skill development opportunities as well as clinical practice simulations.

NRSG 335 NURSING CARE OF CHILDBEARING FAMILY (3) *Prerequisites: NRSG 220 (C or better), 225/225L, 232/232L (B- or better); corequisite or prerequisite: NRSG 300/300L (B- or better).* This course applies the nursing process to the care of well and high-risk pregnant women and their families within the context of their environment. Students will use critical thinking to explore concepts of normal pregnancy, growth and development, the childbirth process, and women with high-risk pregnancies. Theory, research, and evidence-based practice are foundations.

NRSG 335L NURSING CARE OF CHILDBEARING FAMILY LAB (1) *Prerequisites: NRSG 220, 225/225L, 232/232L (B- or better); corequisite or prerequisite: NRSG 300/300L (B- or better). Must be taken concurrently with NRSG 335.* Students apply concepts, principles, theories, and skills in the nursing care of well, acutely ill and high-risk pregnant women and their families in the hospital and community settings. Students are exposed to a wide variety of clinical skills gaining beginning practice in planning and facilitating nursing care for pregnant women and their families.

NRSG 336 NURSING CARE OF CHILDREN AND FAMILIES (3) *Prerequisites NRSG 220, 225/225L, 232/232L (B- or better); corequisite or prerequisite: NRSG 300/300L (B- or better).* This course applies the nursing process to the care of well, acutely and chronically ill, and special needs children and their families within the context of their environment. Emphasis is on anatomical, physiological and developmental differences among neonates, infants, children and adolescents that influence care. Theory, research, evidenced-based practice and critical thinking are foundations.

NRSG 336L NURSING CARE OF CHILDREN AND FAMILIES LAB (1) *Prerequisites: NRSG 220, 225/225L, 232/232L (B- or better); . corequisite or prerequisite: NRSG 300/300L (B- or better). Must be taken concurrently with NRSG 336.* Students apply concepts, principles, theories, and skills in the nursing care of well, acutely or chronically ill children and families. In hospital and community settings, students are exposed to a wide variety of clinical skills gaining beginning practice in planning and facilitating nursing care for children and their families.

NRSG 397 INDEPENDENT STUDY IN NURSING (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in

consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

NRSNG 341 NURSING CARE OF ADULTS EXPERIENCING ACUTE ILLNESS (3) *Prerequisites: NRSNG 220, 225/225L, 232/232L (B- or better).* This course focuses on care of the adult individual who is experiencing an acute illness. Students integrate the nursing process as preparation for care of individuals in acute care settings. The student functions in a variety of roles and partners with health team members to provide appropriate care to assigned clients.

NRSNG 341L NURSING CARE OF ADULTS EXPERIENCING ACUTE ILLNESS LAB (2) Six-hour clinical laboratory must be taken concurrently with NRSNG 341.

NRSNG 342 NURSING CARE OF ADULTS AND FAMILIES WITH CHRONIC ILLNESS (3) *Prerequisites: NRSNG 300/300L, 341/341L (B- or better).* This course focuses on care of individuals and families with alterations in health. Students explore the impact of illness on individuals and families in home health and community-based settings. In addition, students examine the influence of political, economic, and social factors on the delivery of home health care.

NRSNG 342L NURSING CARE OF ADULTS AND FAMILIES WITH CHRONIC ILLNESS LAB (2) Three-hour clinical laboratory must be taken concurrently with NRSNG 342.

NRSNG 398 SPECIAL TOPICS IN NURSING (1-3) [credit depends on topic] *Prerequisite: A background of work in the discipline.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

NRSNG 399 INTERNSHIP IN NURSING (1-12) *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* A limited number of internships are available that allow junior and senior nursing majors to have additional opportunities to work in an agency setting under direct supervision. (See "Internships.")

NRSNG 402 PROFESSIONAL NURSING SEMINAR (2) *Prerequisite: Senior standing.* The student examines historical, legal, ethical, and economic factors which impact contemporary nursing practice. Students explore ways nursing professionals can impact health care delivery and policy, and analyze selected issues relevant to contemporary nursing. Strategies for transition from the role of student to professional nurse are emphasized.

NRSNG 410 CLINICAL MANAGEMENT AND RESEARCH PROJECT (3) *Prerequisites: NRSNG 335/335L, 336/336L, 342/342L, 412 (B- or better).* In this course, students examine their roles as leaders and managers in a variety of health care settings. Concepts such as organizational theory, leadership style, change, time management, finance, quality improvement, and conflict resolution are discussed. Teaching strategies emphasize the use of student teams and computer technology to complete course objectives.

NRSNG 412 NURSING RESEARCH AND EVIDENCE BASED PRACTICE (2) *Prerequisites: NRSNG 335/335L, 336/336L, 342/342L (B- or better); corequisite or prerequisite: MATH 222 (C or better).* In this course students are introduced to evidence based practice and the research process in nursing. Content focuses on critically evaluating research evidence and applying it to nursing problems. Students develop the beginning skills in critiquing evidence through quantitative and qualitative methodologies.

NRSNG 418 COMMUNITY HEALTH AND PSYCHIATRIC MENTAL HEALTH NURSING (2) *Prerequisites: NRSNG 335/335L, 336/336L, 342/342L (B- or better).* Students expand the use of the nursing process with a focus on health promotion/disease prevention as it relates to psychiatric-mental health and community nursing. Students explore the use of evidenced based practice through the use of research studies to promote health for individuals in the psychiatric-mental health and community settings.

NRSNG 418L COMMUNITY HEALTH AND PSYCHIATRIC MENTAL HEALTH NURSING LAB (2) *Prerequisites: NRSNG 335/335L, 336/336L, 342/342L (B- or better).* This is a six hour laboratory experience encompassing community health and psychiatric mental health settings. It must be taken concurrently with NRSNG 418. The roles and activities of the nurse will vary depending on the agency and population served.

NRS 419 SYNTHESIS PRACTICUM (3) *Prerequisites: NRS 412, 418/418L, 420, 428/428L (B- or better); corequisite: NRS 410 (B- or better); corequisite or prerequisite: NRS 402 (B- or better).* This course emphasizes the synthesis and application of concepts, principles, and skills learned in prerequisite nursing courses. Students are given the opportunity to have intensive clinical experiences in selected clinical settings. Clinical experience is directed by faculty and supervised by clinical preceptors in a variety of settings.

NRS 420 SEMINAR IN PUBLIC HEALTH (1) *Prerequisites: NRS 335/335L, 336/336L, 342/342L (B- or better).* This public health course provides a theoretical basis for practice in the field of population and societal health. Public Health nursing content covers public and private health care systems, epidemiology, chronic and communicable disease prevention and control, environmental health, emergency preparedness, and nursing care of community based populations. Current trends and issues in local, national, and international public health are examined.

NRS 428 CARE OF ADULTS WITH COMPLEX ILLNESSES (3) *Prerequisites: NRS 335/335L, 336/336L, 342/342L (B- or better).* This course prepares students to provide care to adults with moderate to severe alterations in health. Critical thinking is incorporated into written and verbal communications as students synthesize knowledge and integrate a variety of nursing skills.

NRS 428L CARE OF ADULTS WITH COMPLEX ILLNESSES LAB (2) Six-hour clinical laboratory must be taken concurrently with NRS 428.

NRS 440 HEALTH ASSESSMENT (2) *Corequisite: NRS 442.* In this course, RN students are introduced to a comprehensive, systematic approach to physical assessment. They will refine critical thinking skills to collect and organize subjective and objective health assessment data. Only RNs who are enrolled in the RN to MSN program may take this course.

NRS 442 NURSING RESEARCH AND EVIDENCE-BASED PRACTICE (2) *Corequisite: NRS 440.* In this course students are introduced to the research process in nursing and evidence-based nursing practice. Content focuses on problem identification, literature review, research design, sampling, data collection, analysis and interpretation of findings. Selected examples of nursing research are critiqued and evaluated for application to clinical settings. Students develop the beginning skills needed to be consumers of research and to evaluate the evidence to determine the best practice. Only registered nurses enrolled in the RN to MSN program may take this course.

NRS 446 COMMUNITY AND PUBLIC HEALTH NURSING (3) *Prerequisites: NRS 440, 442.* In this course students expand the use of the nursing process to provide nursing care to population groups and communities through the application to case studies and the exploration of evidence-based practice. This course can only be taken by registered nurses enrolled in the RN to MSN program.

NRS 448 NURSING LEADERSHIP (2) *Prerequisites: NRS 440, 442, 446.* In this course students examine their roles as leaders and managers in a variety of health care settings. Concepts such as organizational theory, leadership style, change management, team building, finance, quality improvement, conflict resolution and career related issues are discussed. Teaching strategies emphasize the use of student groups, discussion and team work to complete course objectives. This course can only be taken by registered nurses who are enrolled in the RN to MSN program.