NPS 490. Special Studies in Nonprofit Studies. 1-3 credits.
This course is designed to provide capable nonprofit studies minors an opportunity to complete independent study under faculty supervision. Course may be repeated for credit. Prerequisites: NPS 300, NPS 320 and one additional course in the minor or permission of the instructor.

Nursing

Department of Nursing

NSG 310. Helping Persons in Pain. 2 credits.
This course, open to students from all majors, is an examination of pain, its impact on people, causes, treatments and the role of health professionals. Emphasis is on understanding how people experience pain and its effect on quality of life.

NSG 311. End of Life Care. 1 credit.
Classroom-based exploration of the care of people at the end of life from a multi-disciplinary, holistic perspective. Learning activities include guest speakers, critique of assigned readings, essay and case studies. Students from any related health care major, first year students through seniors are welcome.

NSG 313. Issues and Applications of Family Caregiving. 1-2 credits.
Students from any major engage in service learning with clients and staff of Caregivers’ Community Network, a program of information, companion care and support for family caregivers. Hours are flexible and activities are tailored to student interests.

NSG 316. The Working Poor. 1 credit.
While addressing the needs of the uninsured and working poor, this course will provide a broad overview of this vulnerable population in our country today with a strong emphasis placed addressing the health care needs of these individuals.

NSG 317. History of Nursing. 1 credit.
An elective nursing course that explores fundamental aspects of nursing history including prominent nursing founders and leaders as well as examination of the many influences that have shaped the nursing profession. Review of nursing within its historical context provides an opportunity to consider changes for the future.

NSG 318. Prenatal Care: Caring for Mom from Conception to Delivery. 1 credit.
This course is designed to develop an understanding of the need for prenatal care. Prenatal care helps reduce the incidence of the perinatal illness, disability and death by providing health advice and identifying and managing medical and psychosocial conditions and risk factors that can affect the health of the pregnant woman and her child. The course will focus on a healthy lifestyle for the pregnant woman and the knowledge base she will need to implement that healthy life style. Emphasis is placed on nutrition, exercise, diet and antenatal testing that is a part of prenatal care.

NSG 319. Infants, Children and Adolescents. 1 credit.
This elective course, open to students from all majors, explores select contemporary topics about infants, children and adolescents. This course is tailored to include topics which are of interest to the students and have a significant impact on the infant, child or adolescent. Topics will be studied from varied viewpoints and how the topic impacts the infant, child, and/or adolescent and their family.

NSG 320. Innovative Diabetes Health Education. 1 credit.
Based on the chronic illness model component of patient self-management, this course focuses on the use of an innovative teaching strategy for diabetic education. Working in teams students will utilize conversation maps to learn about Diabetes Mellitus Type II, gestational diabetes and patient education.

NSG 321. Introduction to Client Education. 2 credits.
The student will explore and apply learning theory and teaching strategies to improve health care education. Factors are analyzed to design and develop client education materials using available technologies to teach clients to maintain optimal health, prevent acute or chronic disease and disability. Student-developed materials will assist clients to increase independence and improve their quality of life. Students will explore evaluation strategies to measure teaching effectiveness.

NSG 322. Integrative Health Care. 1 credit.
This course examines the principles, practices, and outcomes of complementary therapies and alternative healing that are widely used in the general population. The integration of alternative and conventional health practices will be examined. Ethical, legal and professional issues will be explored.

NSG 323. Cardiovascular Health and Illness. 1 credit.
In this course risk factors associated with cardiovascular disease will be highlighted. Lifestyle changes, prevention and treatment strategies will be reviewed. Students will learn effective skills for teaching patients about cardiovascular health and illness. Students will have the opportunity to review case studies identifying risk factors and learn successful teaching strategies. The course will emphasize and promote student and patient understanding of cardiovascular disease.

NSG 324 RN-BSN Strategies for Success. 1 credit.
This course is designed to provide strategies for academic success in an online learning environment for students in an RN to BSN program. Students will apply concepts of scholarly writing and will identify research. An emphasis is placed on competence with technology and working collaboratively within an online environment.

NSG 325. Concepts in Aging. 3 credits.
This online course is divided into eight modules and examines the physiological, psychosocial, cognitive, legal and ethical aspects of aging within a holistic context. A focus is on the issues that surround the concepts of aging and how the ethical aspects of care relate to the utilization of resources. Prerequisite: Admission to RN-BSN program.

NSG 326. Care and Consideration for Children with Special Needs. 1 credit.
Open to students from any major. This course combines in class speakers/discussion with hands-on service learning. By providing respite care in the home to families with special needs children, students will gain insight into a variety of topics related to working with these families and how the disability affects the family.

NSG 327. Disaster Nursing. 1 credit.
This elective course is designed as an opportunity for students to acquire knowledge and skills in the fundamentals of disaster preparedness. The student will be prepared as a Red Cross volunteer for disaster service locally or nationally and will be Red Cross certified in selected areas.

NSG 328. Life, Death and the Dash Between. 1 credit.
This course focuses on preparing the student to give patient-centered end-of-life care. Using a variety of learning methods, the student will examine theories and care models, and will discuss current topics surrounding death and dying, including social, cultural, ethical, spiritual and legal issues.

NSG 329. Best Practices in Diabetes Care. 2 credits.
The student will develop a basic understanding of the current practices related to diabetes care and the impact of a diabetes diagnosis on the individual, family and community. The content is centered around the American association of Diabetes Educators (AADE) 7 Self-Care Behaviors: healthy eating, being active, monitoring, taking medications, problem solving, healthy coping and reducing risks.

NSG 333. Health Assessment. 3 credits.
The health assessment online course is designed to develop knowledge and skills necessary to gather, organize and present relevant health data. Emphasis is placed on systematic strategies, frameworks and skills used to conduct both comprehensive and need-specific health assessments for individuals in the context of their family and community. Prerequisite: Admission to RN-BSN program.

NSG 350. Foundations of Nursing. 3 credits. Offered every semester.
This course provides an overview of foundational principles of professional nursing practice. Students will be introduced to the evolution of nursing, basic nursing theory and knowledge, and beginning concepts. This course promotes self-analysis and socialization into the role of the professional nurse.

NSG 351. Health Assessment. 3 credits. Offered every semester.
This course develops knowledge and skills necessary to gather, organize, and present relevant health data that includes wellness and illness considerations across the life cycle. Emphasis is placed on systematic strategies, frameworks, and skills used to conduct both comprehensive and need-specific health assessments for individuals in the context of their family and community. Prerequisite: Formal acceptance into the Nursing Program.

NSG 352. Clinical Applications and Reasoning In Nursing Care I. 4 credits. Offered every semester.
Through didactic learning, students learn theories, rationale, and principles underlying the application of acute care skills in nursing practice. In the laboratory, students will practice and demonstrate mastery of selected skills. In the clinical setting, students will apply knowledge through clinical reasoning in planning and facilitating nursing care for patients and their families. Corequisite: NSG 352L. Prerequisite: Formal acceptance into the Nursing Program.
This course is a comprehensive examination of the principles of pharmacology. An emphasis will be placed on the mechanisms of actions, adverse effects, dosage calculations, drug interactions and implications for nursing practice.

NSG 352L. Clinical Applications and Reasoning In Nursing Care I

2 credits. Offered every semester.

Through didactic learning, students learn theories, rationale, and principles underlying the application of acute care skills in nursing practice. In the laboratory, students will practice and demonstrate mastery of selected skills. In the clinical setting, students will apply knowledge through clinical reasoning in planning and facilitating nursing care for patients and their families. Corequisite: NSG 352. Prerequisite: Formal acceptance into the Nursing Program.

NSG 353. Pharmacology, 3 credits. Offered every semester.

This course is a comprehensive examination of the principles of pharmacology. An emphasis will be placed on the mechanisms of actions, adverse effects, dosage calculations, drug interactions and implications for nursing practice. This course will provide the student with a concentrated focus on the role of the professional nurse and the nursing profession. The course explores nursing theory, health care models of practice, diversity issues, as well as legal and ethical realities within the healthcare delivery system.

NSG 355. Women's Health, 3 credits. Offered every semester.

This course promotes synthesis of concepts and principles utilized in health promotion, risk reduction and critical reasoning in the management of women's health care. Areas of focus include women's health issues, perinatal care of mothers and infants, and gynecological health. Clinical experiences provide students with opportunities to apply evidence-based practice for women/newborn/family units of diverse cultural backgrounds. Corequisite: NSG 355L.

Prerequisites: NSG 250, NSG 251, NSG 252, NSG 252L and NSG 253.

NSG 356L. Women's Health Clinical.

1 credit. Offered every semester.

This course is designed to provide an overview of current issues relevant to the art and science of the practicing nurse. This course will provide the student with a concentrated focus on the role of the professional nurse and the nursing profession. The course explores nursing theory, health care models of practice, diversity issues, as well as legal and ethical realities within the healthcare delivery system.


NSG 356. Clinical Applications and Reasoning In Nursing Care II.

4 credits. Offered every semester.

This course focuses on pathophysiologic and pharmacologic concepts and principles of nursing process, health promotion, risk reduction, clinical decision making, and collaborative management of care for adults experiencing moderate to severe health alterations. Students will apply concepts, theories and skills in the nursing care of adults. Corequisite: NSG 356L.

Prerequisites: NSG 250, NSG 251, NSG 252, 3 NSG 52L and NSG 253.

NSG 356L. Clinical Applications and Reasoning In Nursing Care II Clinical.

2 credits. Offered every semester.

This course focuses on pathophysiologic and pharmacologic concepts and principles of nursing process, health promotion, risk reduction, clinical decision making, and collaborative management of care for adults experiencing moderate to severe health alterations. Students will apply concepts, theories and skills in the nursing care of adults. Corequisite: NSG 356.

Prerequisites: NSG 350, NSG 351, NSG 352, NSG 352L and NSG 353.

NSG 357. Psychiatric Mental Health Nursing, 3 credits. Offered every semester.

This course examines the pathophysiology, psychosocial manifestations, psychopharmacological and psychiatric mental health nursing treatment of selected mental illnesses. Analysis of the role and practice of psychiatric mental health nursing both as a nursing specialty and as an integral facet of general nursing are emphasized. Corequisite: NSG 357L.

Prerequisites: NSG 350, NSG 351, NSG 352, NSG 352L and NSG 353.

NSG 357L. Psychiatric Mental Health Nursing Clinical.

1 credit. Offered every semester.

This course examines the pathophysiology, psychosocial manifestations, psychopharmacological and psychiatric mental health nursing treatment of selected mental illnesses. Analysis of the role and practice of psychiatric mental health nursing both as a nursing specialty and as an integral facet of general nursing are emphasized. Corequisite: NSG 357.

Prerequisites: NSG 350, NSG 351, NSG 352, NSG 352L and NSG 353.

NSG 390. Impact of Chronic Illness, 3 credits. Offered fall and spring.

This course will explore core concepts of chronic illness across the lifespan from an interdisciplinary perspective. Epidemiology, economics, ethics, culture, family and policy will be emphasized. These topics and concepts will be related to model(s) of chronic care.

NSG 391. Living Successfully with Chronic Illness, 3 credits. Offered fall and spring.

This course will examine models and strategies that aid individuals to live successfully with chronic illness. An interdisciplinary evidence-based approach will be used to investigate how outcomes may be improved through the individual’s integration of lifestyle changes within the context of culture and family.

NSG 392. Hello Nurse: Images of the Nurse in American Culture, 2 credits.

The image of the nurse in American culture has been varied, complex, and provocative. This course will introduce students to textual images of nurses in fiction, film, television, and visual arts within the context of American and nursing history.

NSG 450. Nursing Research, 3 credits. Offered every semester.

This course explores the research process and utilization of research and theory in evidence based professional nursing practice. It also explores the dissemination and utilization of research in nursing practice. Students learn to critique healthcare literature in order to answer a research question that would impact nursing practice. Corequisite: Formal acceptance into the Nursing Program.

NSG 451. Child Health. 3 credits. Offered every semester.

This course promotes the development of knowledge, skills and the ability to care for children including those with acute and chronic illnesses/conditions. Learning will focus on the unique healthcare needs of children with emphasis on family centered care. Students will apply knowledge through clinical reasoning in planning and facilitating nursing care for children and families. Corequisite: NSG 451L.

Prerequisites: NSG 350, NSG 351, NSG 352, NSG 352L, NSG 353, NSG 354 and NSG 357.

NSG 451L. Child Health Clinical, 2 credits. Offered every semester.

This course promotes the development of knowledge, skills and the ability to care for children including those with acute and chronic illnesses/conditions. Learning will focus on the unique healthcare needs of children with emphasis on family centered care. Students will apply knowledge through clinical reasoning in planning and facilitating nursing care for children and families. Corequisite: NSG 451.

Prerequisites: NSG 355, NSG 355L, NSG 356, NSG 356L, NSG 357, and NSG 357L.

NSG 452. Clinical Applications and Reasoning in Nursing Care III.

4 credits. Offered every semester.

This course focuses on the integration of complex pathophysiologic and pharmacologic concepts and principles for adults experiencing moderate to severe health alterations. Students will apply the nursing process to promote health and safety, to augment clinical reasoning and clinical decision making, and to integrate interprofessional collaboration in the care of patients. Corequisites: NSG 352, NSG 352L, NSG 356 and NSG 356L.

NSG 453. Population-Centered Care in the Community, 2 credits.

Offered every semester.

In this course, students develop the knowledge, skills, and ability to conduct and interpret systematic assessments of families and vulnerable groups in community settings. The impact of increasing societal and cultural changes across the life span will be emphasized. Theoretical concepts of community-based health promotion and disease prevention of vulnerable populations will be presented emphasizing Healthy People 2020 objectives. Corequisite: NSG 453L.

Prerequisites: NSG 350, NSG 350L, NSG 351, NSG 351L, NSG 356, NSG 357 and NSG 357L.

NSG 453L. Population-Centered Care in the Community Clinical.

2 credits. Offered every semester.

In this course, students develop the knowledge, skills, and ability to conduct and interpret systematic assessments of families and vulnerable groups in community settings. The impact of increasing societal and cultural changes across the life span will be emphasized. Theoretical concepts of community-based health promotion and disease prevention of vulnerable populations will be presented emphasizing Healthy People 2020 objectives. Corequisite: NSG 453.

Prerequisites: NSG 350, NSG 350L, NSG 351, NSG 351L, NSG 356, NSG 357 and NSG 357L.

NSG 454. Transition to Practice, 3 credits. Offered every semester beginning Spring 2014.

This course explores current factors that impact the transition from student to the licensed professional nurse. The student will have the opportunity to examine and apply leadership and management principles in acute and chronic healthcare settings with a focus on safe, ethical, and quality patient care. Students will use an interprofessional approach to coordinate care for a group of patients. Corequisite: NSG 454L.


http://www.jmu.edu/catalog/13
NSG 454L. Transition to Practice Clinical. 2 credits. Offered every semester.

This course explores current factors that impact the transition from student to the licensed professional nurse. The student will have the opportunity to examine and apply leadership and management principles in acute and chronic healthcare settings with a focus on safe, ethical, and quality patient care. Students will use an interprofessional approach to coordinate care for a group of patients.


NSG 455. Nursing Informatics. 2 credits. Offered every semester beginning Spring 2014.

This course explores nursing informatics and technology applications in health care. Emphasis is on preparing entry level nurses with core nursing informatics competencies. A major theme is the use of information systems and technologies to improve the quality and safety of patient care in a changing health care environment. Students will develop their nursing informatics knowledge and skills through reading, discussions, exploration, and utilization of electronic modalities. Prerequisite: Formal acceptance into the Nursing Program.

NSG 456. Capstone. 5 credits. Offered every semester beginning Spring 2014.

This course is a focused nursing practicum under the direct supervision of clinical nurse preceptors. The purpose of the capstone experience is to facilitate student development in time management, critical thinking, assessment, clinical reasoning, documentation and psychomotor skills. Prerequisite: NSG 355, NSG 355L, NSG 356, NSG 356L, NSG 357, NSG 357L, NSG 450, NSG 451, NSG 451L, NSG 452, NSG 453 and NSG 453L.

NSG 460. Healthcare Informatics. 2 credits.

This course focuses on the nature and functions of present and future application of health care informatics. Emphasis is on preparing current and future health care professionals to plan, design, collaborate with other health care disciplines, and utilize healthcare informatics for effective health care delivery, health organizational management and improved client outcomes. Prerequisite: Admission to RN-BSN program.

NSG 461. Pathophysiology and Pharmacology. 4 credits.

This online course provides an examination of complex physiologic responses and clinical sequela in major body systems in relation to pathologic states. Emphasis is placed upon physiologic compensation and defense responses. Pharmacologic management of pathophysiology is investigated. Prerequisite: Admission to RN-BSN program.

NSG 462. Issues in Contemporary Nursing Practice. 3 credits.

This online course examines issues and trends of greatest concern to professional nursing practice today. Historical, societal, political, and economic influence and future trends will be explored. Legal and ethical dimensions of nursing will be discussed. Prerequisite: Admission to RN-BSN program.

NSG 463. Professional Role Transition. 3 credits.

This online course expands the students' current knowledge of concepts related to nursing theory, nursing image and professional role development at the BSN level. Emphasis will be placed upon leadership and management skill development at the personal level. Prerequisite: Admission to RN-BSN program.

NSG 464. Introduction to Nursing Research. 3 credits.

This online course will focus on the study of research methods that generate quantitative and qualitative data. Students will examine the research process with an emphasis on critique of research methodologies and application of research findings to nursing practice. Prerequisite: Admission to RN-BSN program.

NSG 466. Community Health Practicum. 1 credit.

This practicum, for RN-BSN students, transitions practice into the BSN role through mentored clinical experiences at selected community sites. Emphasis is on collaborative nursing care with individuals, families and groups within the community. Experiences include concepts of health promotion and disease prevention and management of acute or chronic illness. Prerequisite: Admission to RN-BSN program.

NSG 469. Caring for the Public's Health: Community Health Nursing. 4 credits.

This online course provides an overview of specific issues and societal concerns that affect community health nursing practice including historical impact of public health, epidemiology, health promotion and disease prevention; vulnerable populations; communicable disease risk and prevention; and diversity of the role of the community health nurse. Prerequisite: Admission to RN-BSN program.

NSG 471. Leadership and Management in Health Care. 3 credits.

This online course focuses on healthcare organizations, leadership theories and management style, organizational change, quality management, fiscal and economic issues, personnel management, and accreditation standards. Prerequisite: NSG 463.

Nutrition

Department of Health Sciences

NUTR 280. Nutrition for Wellness. 3 credits. Offered fall and spring.

Students will study the impact of nutrition on wellness by learning nutrients, their functions in the human body, food sources and appropriate intake levels. Controversies surrounding use of various nutrients for improvement of health and well-being will be discussed.

NUTR 289. Foundations of Nutrition Practice. 2 credits. Offered fall and spring.

An introduction to the profession of dietetics, credentialing processes in nutrition/dietetics, careers available in the field and some basic skills needed for the profession.

NUTR 340. Science of Food Preparation. 3 credits. Offered fall.

This course explores the chemical composition of food, physical and chemical changes in food associated with household and industrial preparation techniques, definition of standard products, and appropriate assessment techniques for judging food quality. Laboratory component provides opportunity to judge foods prepared by different techniques. Prerequisites: Admission to the dietetics major; CHEM 131 or equivalent.

NUTR 369. Management in Dietetics. 3 credits. Offered spring.

Application of management concepts, theories and principles to dietetics with a focus on the work environments (clinical and foodservice) in which registered dietitians must effectively practice. Prerequisite: Admission to the dietetics major.

NUTR 362. Food Service Systems. 3 credits. Offered spring.

An introduction of menu planning, food procurement, equipment selection and layout to provide quality service food in a variety of food systems. Prerequisite: Admission to the dietetics major.

NUTR 385. Nutrition Throughout the Life Cycle. 3 credits. Offered fall and spring.

A study of food habits from around the world and their contributions to nutritional adequacy. Factors affecting global food consumption behaviors including sociocultural practices, religion, health beliefs, agricultural practices, economics, politics and education are explored.

NUTR 382. Sports Nutrition. 3 credits. Offered fall.

A study of the relationship of nutrition and athletic performance. Identification of the effects of age, sex, body build, environment and state of health on energy needs and energy sources during physical activity. Prerequisite: NUTR 280.


This course introduces nutrition as a disease therapy and the role of the clinical dietitian as a member of the health care team. Topics covered include nutrition screening and assessment, medical records documentation, basic dietary modifications and patient/family counseling. Prerequisites: Admission to the dietetics major; NUTR 383 and NUTR 383.

NUTR 385. Nutrition Throughout the Life Cycle. 3 credits. Offered spring.

A study of the nutritional needs throughout the life cycle and the development of food habits. Nutrition assessment and nutrition education from prenatal health through infancy, childhood, adolescence, adulthood and old age are emphasized. Prerequisite: Admission to the dietetics major.

NUTR 386. Community Nutrition. 3 credits. Offered fall.

A study of human nutrition and health problems from a community perspective, programs and policies related to nutrition at local, state and federal levels including preventive nutrition or wellness and approaches and techniques for effective application and dissemination of nutrition knowledge in the community. Prerequisite: Admission to the dietetics major.

NUTR 395. Introduction to Patient Care in Dietetics. 2 credits. Offered fall.

A study of the concepts of patient care in dietetics, skills needed for Medical/Nutrition Therapy and the dietitian’s role on the health care team. Prerequisites: Admission to the dietetics major and NUTR 280.

NUTR 446. Experimental Foods [1, 4]. 3 credits. Offered spring.

An introduction to research in foods. Different techniques of food preparation are studied and evaluated for the most acceptable methods.