NPS 300. Introduction to Nonprofits. 3 credits.
An introduction to the development of the nonprofit sector in the American context exploring history, theories, legal issues, governance and ethical considerations. Global nonprofits are also explored. Provides a foundation for subsequent work in the nonprofit studies minor. Prerequisite: Sophomore standing with a declared major.
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 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 this course. Integration. 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 R.N.-B.S.N. program. Students will discover learning strategies 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 R.N.-B.S.N. program.

NSG 326. Care and Consideration for Children with Special Needs. 1 credit. Open to students from any major. Students will gain insight into the lives of children with special needs and discuss how having children with special needs affects the entire family. A variety of topics such as autism, brain injury, and other disabilities will be investigated. Learning activities include guest speakers, discussion, and hands-on service learning. Students must provide their own transportation to service learning sites off campus.

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 R.N.-B.S.N. program.

NSG 350. Foundations of Nursing. 2 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.

NSG 352L. Clinical Applications and Reasoning in Nursing Care I Clinical. 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. Pathophysiology & Pharmacology. 4 credits. Offered every semester. This course is a comprehensive examination of the principles of pathophysiology and pharmacology for nurses. An emphasis will be placed on concepts and rationales necessary for clinical decision making and nursing care of patients with select disease processes.

NSG 354. The Art & Science of Nursing. 2 credits. 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 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 350, NSG 351, NSG 352, NSG 352L and NSG 353.

NSG 355L. Women's Health Clinical. 1 credit. 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 355. Prerequisites: NSG 350, NSG 351, NSG 352, NSG 352L and NSG 353.

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

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 393. Family Violence. 1 credit.
This course introduces students to the roots of family violence, including the political, cultural, social, and economic structures that perpetuate violence, and explores approaches to changing those structures in order to reduce or end violence. Students will think critically about the local and global impact of family violence, how it intersects with other forms of oppression, and achieve an understanding of these issues that will be useful intellectually and personally.
NSG 394. Special Topics in Chronic Illness. 1-6 credits.
Study of selected topics in chronic illness.
Healthcare ethics is a shared, relevant concern among health and human service disciplines; it is an ideal vehicle for students to learn other discipline perspectives. Students examine dilemmas encountered in practice and apply interprofessional knowledge using a case method of instruction. Readings and activities emphasize interprofessional competencies and ethical principles for practice in the context of respectful communication, analysis, and problem solving in interprofessional teams.
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. Prerequisite: 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 delivering nursing care for children and families. Corequisite: NSG 451L. Prerequisites: NSG 355, NSG 355L, NSG 356, NSG 356L, NSG 357, and NSG 357L.
NSG 451L. Child Health Clinical. 1 credit. Offered every semester.
This course promotes the development of knowledge, skills and the ability to care for children including those with acute and chronic illness/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 delivering 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 pathophysiological 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. Prerequisites: NSG 352, NSG 352L, NSG 356, NSG 356L.
NSG 452L. Clinical Applications and Reasoning in Nursing Care III Lab. 1 credit. Offered every semester.
This course focuses on the integration of complex pathophysiological 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.
NSG 453. Population-Centered Care in the Community. 2 credits. Offered every semester.
In this course, students develop 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 355, NSG 355L, NSG 356, NSG 356L, 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 355, NSG 355L, NSG 356, NSG 356L, NSG 357, and NSG 357L.
NSG 454. Transition to Practice. 3 credits.
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. Prerequisites: NSG 355, NSG 355L, NSG 356, NSG 356L, NSG 357, NSG 357, NSG 450, NSG 451, NSG 451L, NSG 452, NSG 453 and NSG 453L.
NSG 454L. Transition to Practice Clinical. 2 credits.
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 454. Prerequisites: 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 455. Nursing Informatics. 2 credits.
This course explores nursing informatics and technology applications in healthcare. 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.
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. Prerequisites: 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 online 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.
**Nutrition**

**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 295. 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 360. 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 food service) in which registered dietitians must effectively practice. Prerequisite: Admission to the dietetics major.

**NUTR 382. Food Service Systems.** 3 credits. Offered spring.
An integration of menu planning, food procurement, equipment selection and layout to provide quality food service in a variety of food systems. Prerequisite: Admission to the dietetics major.

**NUTR 383. Quantity Food Production (1, 6).** 3 credits. Offered fall and spring.
The principles of quantity food production and service are studied. Prerequisite: Admission to the dietetics major.

**NUTR 384. Clinical Nutrition I.** 3 credits. Offered spring.
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 340 and NUTR 365.

**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. 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 to obtain standard food products. Prerequisites: Admission to the dietetics major; NUTR 340, organic chemistry and statistics.

**NUTR 455/KIN 424. Theories and Practices of Weight Management.** 3 credits. Offered fall and spring.
An examination of the physiological, psychological and environmental theories of obesity. Current trends in obesity research are emphasized. A case study and laboratory are used to provide students with practical experience in constructing a weight management program. Prerequisites: BIO 270, BIO 290, NUTR 280 or permission of the instructor.

**NUTR 460. Computer Systems for Foods and Nutrition.** 3 credits. Offered spring.
Introduction to food and nutrition computer systems. Emphasis is placed on the role of computers in nutritional assessment, food service administration, nutrition education and food technology. Prerequisites: NUTR 380 and successful completion of the Tech Level I test.

**NUTR 482. Nutrition and Metabolism (2, 2).** 3 credits. Offered fall.
A study of the nutrients, their roles in intermediary metabolism, the effects of genetic errors in metabolism, nutritional deficiencies and means of assessing nutritional status. Agencies and programs concerned with nutrition and health and current trends in nutrition research are emphasized. Prerequisites: Admission to the dietetics major; CHEM 260 and MATH 220. Prerequisite or corequisite: BIO 290.

**NUTR 484. Clinical Nutrition II (2, 2).** 3 credits. Offered spring.
A study of the use of diet in preventing illness and as a means of treating disease. Emphasis is given to patient education. Prerequisites: Admission to the dietetics major; NUTR 384 and NUTR 482.

**NUTR 495. 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 490. Field Experience in Dietetics.** 3 credits. Offered summer.
Students participate in field experience relating to their major area of dietetics.