

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 processes. Emphasis is placed upon physiologic compensation and defense responses. Pharmacologic management of pathology 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 R.N.-B.S.N. 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 R.N.-B.S.N. 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 R.N.-B.S.N. 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 R.N.-B.S.N. program.*

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

This online course provides R.N. to B.S.N. students a perspective of professional nursing at the community level of practice. Course content will provide 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 R.N.-B.S.N. 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.*

NSG 490. Special Studies in Nursing. 1-6 credits.

Study of selected topics in nursing.

NSG 495. Special Topics in Global Health. 1-6 credits.

Study of selected topics in global health.

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 362. 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 363. 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 380. Global Nutrition. 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.*

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 395.*

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 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 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 laboratories 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 360 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 485. 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

and their career goals under the coordination of a dietetics faculty member. On-the-job supervision will be provided by the participating hospital dietitians. *Prerequisites: Admission to the dietetics major; NUTR 384, NUTR 395. Application for enrollment must be completed through the course instructor in the fall semester prior to the summer in which it will be taken.*

NUTR 495. Senior Seminar in Dietetics. 2 credits. *Offered fall.* Students will be introduced to research in dietetics and conduct a senior research project. The Code of Ethics and Standards of Practice of the American Dietetic Association will be investigated, and students will prepare for their postgraduate dietetic internship. *Prerequisite: Admission to the dietetics major.*

NUTR 496. Special Studies in Nutrition/Dietetics. 1-3 credits. *Offered fall and spring.*

This course is designed to give the student in dietetics an opportunity to complete independent study, professional conference participation and/or research under faculty supervision. *Prerequisite: Permission of the coordinator of the dietetics program.*

NUTR 499. Honors. 6 credits. *Offered fall and spring.* Year course.

Persian

PERS 101. Elementary Persian I. 3-4 credits.

The fundamentals of Persian through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour's work a week in the language laboratory. Student will receive no credit for course if he/she has had two or more years of the language in high school.

PERS 102. Elementary Persian II. 3-4 credits.

The fundamentals of Persian through a higher level of listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour's work a week in the language laboratory. Students will receive no credit for the course if he/she has had two or more years of the language in high school. *Prerequisites: PERS 101.*

PERS 231. Intermediate Persian I. 3 credits.

A thorough review of first year grammar and vocabulary building. Conversation, composition and reading will be chosen to reach competency at the lower intermediate level. *Prerequisite: PERS 102.*

PERS 232. Intermediate Persian II. 3 credits.

A thorough review of PERS 231 grammar and vocabulary building. Conversation, composition and reading will be chosen to reach competency at the advanced intermediate level. *Prerequisite: PERS 231 or permission of the instructor.*

PERS 490. Special Studies in Persian. 3 credits.

Special topics or independent studies in Persian.

Philosophy

PHIL 101. Introduction to Philosophy. 3 credits.

An introduction to the basic problems and concepts of philosophy – the nature of man and the self, ethics, theories of knowledge, philosophy of religion, etc. as revealed in the writings of major philosophers. May be used for general education credit.

PHIL 120. Critical Thinking. 3 credits.

An introduction to the techniques for analyzing and evaluating information in everyday experience. The functions of language will be discussed. Techniques for judging the strengths of arguments and the reasonableness of the arguments' premises will be examined. This course cannot be used to fulfill the B.A. Philosophy requirement. May be used for general education credit. May not be used for major credit.

PHIL 150. Ethical Reasoning. 3 credits.

An introduction to the principles and techniques of rational decision making in ethics, including analysis of arguments and fallacies, ethical theories, and applications of moral principles to moral issues. This course cannot be used to fulfill the B.A. Philosophy requirement. May be used for general education credit. May not be used for major credit.

PHIL 210. Philosophy Through Film. 3 credits.

This course combines feature length films and classic philosophical writings as points of departure for considering perennial philosophical questions such as: What is real? (Metaphysics) How can I know? (Epistemology) What is of value? (Morality).

PHIL/REL 218. Philosophy of Religion. 3 credits.

An intensive examination of religion from the standpoint of philosophical thinking with particular emphasis on the way philosophers view such problems as the existence of God, evil, immortality, religious language, etc.

PHIL 240. Greek Philosophy in Context. 3 credits.

This course will involve exploration of the intellectual world of the Ancient Greeks, with particular emphasis on the philosophical, historical and literary works produced during the period. The course will include lectures and site visits throughout Greece.

PHIL 250. Introduction to Symbolic Logic. 3 credits.

An introduction to the languages and techniques of propositional logic and first-order quantification theory.

PHIL 262. Problems in Applied Ethics. 3 credits.

Ethical theories are used to analyze contemporary moral issues in areas such as business and health care. Course content varies.

PHIL 270. Introduction to Ethics. 3 credits.

An introductory study of the basic ethical theories past and present with some application to moral problems.

PHIL 285. Philosophy, Art and Literature. 3 credits.

This course will study artistic works (literary or otherwise) for their philosophical content. Related issues in the philosophy of art for example, the nature of tragedy, theories of interpretation may also be considered.

PHIL 300. Knowledge and Belief. 3 credits.

An extensive examination of theories of knowledge and philosophical problems concerning knowledge and belief. *Prerequisite: PHIL 101 or permission of the instructor.*

PHIL/ART 305. Seminar in Aesthetics. 3 credits.

Readings and discussions in the persistent philosophical problems of the arts, centering on consideration of the work of art, the artist and the audience. *Prerequisite: ART 200, ARTH 205, ARTH 206 or PHIL 101.*

PHIL 310. Symbolic Logic. 3 credits.

The study and application of the principles and techniques of modern deductive logic to natural language. Also, examination of the properties of formal systems and of the logical implications and paradoxes of language. *Prerequisite: PHIL 250 or consent of the instructor.*

PHIL 311. Metaphysics. 3 credits.

Examination of central questions regarding the fundamental nature of reality. Possible topics: universals and particulars, possibility and necessity, identity of objects over time and puzzles of material constitution, the problem of free will and determinism, and the nature of time. *Prerequisite: At least one other philosophy course or approval of the instructor.*

PHIL/IA 312. Causal Analysis. 3 credits.

Examines causal analysis in national, military, counter- and competitive intelligence. By assessing a factor's amount and kind of efficacy, students will learn the most reliable methods for distinguishing between relevant/irrelevant events and factors, identifying and excluding pseudo-causes and anticipating higher order effects of a causal process. *Prerequisite: IA 261 or permission of the instructor.*

PHIL/IA 313. Counterfactual Reasoning. 3 credits.

Examines counterfactual reasoning in national, military, counter- and competitive intelligence. By analyzing alternate scenarios and their consequences, students will learn the most relevant methods for employing creative thinking in generating, developing and assessing possibilities; substantiating after-action reports, and structuring futures analysis. *Prerequisite: IA 261 or permission of the instructor.*

PHIL 314. Rational Decision Theory. 3 credits.

Explores the fundamental principles of making reasonable choices. The course considers both the conceptual, epistemological and logical insights of these principles, as well as applies them to numerous real-world cases faced by recent decision-makers in areas such as intelligence, information analysis, business or politics. *Prerequisite: PHIL 120 or instructor consent.*

PHIL 315. Logic and Legal Reasoning. 3 credits.

Application of symbolic logic (first-order logic with identity) to legal language and deductive legal argument. Will include close logical analysis of at least one of the following: Supreme Court brief, Supreme Court decision, Supreme Court oral argument. *Prerequisite: PHIL 250 or instructor consent.*