

Course Descriptions – Pre-Nursing Studies

BIO 100 Concepts in Biology (4) Examines mechanisms of evolution, cellular biology, genetics, and ecology with emphasis on scientific thinking and methods, historical developments, current understandings and applications, and ethical issues. Lab fee required.

BIO 121 Nutrition (3) A study of aspects of nutrition such as food molecules, metabolic value, daily allowances, and physiological importance of informed nutritional choices. The relationship between nutrition and health will also be examined.

BIO 227, Human Anatomy and Physiology I (4) A study of structure and function in the human body including the following systems: integumentary, skeletal, skeletal muscle, nervous and sensory. Lab fee required. Prerequisites: CHM 100 or equivalent and BIO 100 or equivalent.

BIO 228, Human Anatomy and Physiology II (4) A study of structure and function in the human body including: endocrine, respiratory, heart and circulatory, excretory, digestive, reproductive, and immune. Lab fee required. Prerequisite: BIO 227.

Program Course Requirements - Chemistry

CHM 100, Concepts in Chemistry (4) An examination of the principles of chemistry, especially those which find application in the study of biology. Topics to be covered include atomic structure, chemical bonding, intermolecular forces, gas laws, solutions, and chemical energy. Laboratory work is included. Lab fee required.

Program Course Requirements - Mathematics

MTH 141 Basic Statistics (3) An introduction to the theory and applications of statistics, including probability, descriptive statistics, random variables, expected values, distribution functions, and hypothesis testing.

MTH 151 College Algebra (3) A first course in college algebra including the following topics: polynomial equations and inequalities, mathematical modeling and problem solving, rational functions, other functions and relations. Students who enjoy math, students who need MTH 151 for their major, students who are going on and taking higher level math courses, and/or students who are majoring in math but need to strengthen their algebra skills are the only students for whom this course is recommended. Prerequisite: Two years of high school algebra.

Program Course Requirements - Communications

COM 105, Group Dynamics and Effective Speaking (3) This course is designed to teach participants various interpersonal skills pertinent to one-on-one, small group and large group communication. Topics covered will include: "reading" the audience, non-verbal communication, the rules of etiquette and appropriate address, effective use of the voice, the phonetic alphabet, and group dynamics. Students will be required to make a series of formal and informal presentations in class.

COM 110, Fundamentals of Oral Communications (3) Introduction of theories and techniques of non-written communication in business and society. Topics include: the nature of human communication, listening skills, interpersonal communications, nonverbal communications, small group communication, and public speaking. Students will participate in communication activities, as well as research, organize and present formal speeches.

Program Course Requirements - Other

COL 110, Community Living (1) As an orientation course, the purpose is to introduce students to the many facets of college life and to provide the direction and support that will enhance their potential for success in their undergraduate program. The Seminar will provide information, instruction, exercises, techniques, group identity and interaction, and guidance in the four major areas of personal growth.

COL 170, Microcomputer Applications (3) An introductory course designed to address issues and practical applications important to microcomputer users. Utilizing a "hands-on" lab approach subject areas addressed include: word processing skills development, spreadsheet/database development and use of Power Point.

BA 210, Survey of Economics (3) Introduction to basic economic concepts, relationships and institutions. The course provides a foundation for applying economics to individual decision making and for critically analyzing aggregate economic behavior and policy. Please note: This course satisfies one social science general education requirement. This course will not fulfill a core or elective requirement for business administration students.

HIS 105, America: Colony to Civil War (3) This survey of American history begins its examination with the colonial origins of the United States and concludes with the outbreak of the Civil War. Political, economic, and social foundations of American development are stressed.

HIS 106, America: Civil War to World Power (3) This survey of American history traces the development of the United States from the Civil War to its present status as a world power. Political, economic, and social foundations of American development are stressed.

ENG 150, English Composition I (3) An intensive review of the English language and its use in college-level writing, including the mechanics of written discourse, sentence structure, paragraph development, and essay organization. Selections from expository and imaginative literature will be discussed as models for the effective use of language and as sources for composition topics. In order to advance to ENG 170, students must meet the criteria set by the English faculty, typically by earning a "C" or above and passing an exit examination.

ENG 170, English Composition II (3) Continuation of ENG 150 with special attention to the development of a mature style of writing and to the research, mechanics and writing of a documented paper. The writing assignments will be related to the subject areas anticipated in college study and the focus will be on developing clear, direct style in expository prose.

PSY 100, Principles of Psychology (3) An introduction to behavioral science focusing on the study of perceptual, learning developmental, social, and motivational processes. The student will explore basic psychological concepts, methods, and findings leading to an understanding of human behavior.

PHL 214, Ethics (3) Course provides students with a general understanding of the development and status of ethics as a theoretical discipline and its relation to social and political philosophy. It includes an investigation of ethical theories of Aristotle, Kant, Rawls, utilitarians, rights theorists, and contractarians. Issues of virtues and rights are examined. Only original sources are used.

SOC 102, Basic Concepts of Sociology (3) Introduction to basic concepts and theories that enable us to understand and explain human group behavior in various social contexts. Application of sociological concepts to socialization, social interaction, groups, stratification, contemporary industrial society and Third World Societies, ethnic groups, social change, and social institutions.

PSY 280, Human Development (3) An overview of human development from conception through death. This course provides an introduction to the study of lifespan development focusing on physical, cognitive, and social development.