

Associate of Science Degree in Allied Health

BIOL 211G: Cellular and Organismal Biology 3 cr.

Principles of cellular structure and function, genetics, and physiology of microbes, plants, and animals. Suitable for non-majors with sufficient chemistry. Must be taken with BIOL 211L to meet general education requirements. Pre/Co-requisite(s): CHEM 110G or CHEM111G or CHEM 115. (*F & Sp*)

BIOL 211GL: Cellular and Organismal Biology Laboratory 1 cr. (3P)

Laboratory demonstrations, experiments, and exercises on molecular and cellular biology and organismal physiology. Must have passed BIOL 211G or be concurrently enrolled in BIOL 211G and BIOL211L. Pre/Co-requisite(s): either CHEM 110G or CHEM 111G. (*F & Sp*)

BIOL 225: Human Anatomy and Physiology I 4 cr. (3+3P)

The first in a two-course sequence that covers the structure and function of the human body, including terminology of the human gross anatomy, chemistry overview, cell structure, cell physiology (including DNA, protein synthesis and cell division). The organization of cells and tissues and their metabolic and homeostatic processes and regulation are also covered. Physical and chemical operation of organs and systems of the human body include the integumentary, skeletal, muscular, and nervous systems. Pre/Co-requisite(s): CHEM 110G or CHEM 111G. Restricted to: Community Colleges only. (*F & Sp*)

BIOL 226: Human Anatomy and Physiology II 4 cr. (3+3P)

The second in a two-course sequence that covers the structure and function of the human body. Includes the physical and chemical operation of the organs and systems of the human body, including endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproduction system. Concepts of nutrition, metabolism, energy, fluid and electrolyte balance, heredity pregnancy and human embryonic and fetal development are also covered. Prerequisite(s): BIOL 225, CHEM 110G or CHEM 111G. Restricted to: Community Colleges only. (*F & Sp*)

BIOL 221: Introductory Microbiology 3 cr. (3P)

Principles of isolation, taxonomy, and physiology of microorganisms. Prerequisite: CHEM 112G, equivalent or consent of instructor. Co-requisite: BIOL 221L. Community College only. (*F & Sp*)

BIOL 221L: Introductory Microbiology Laboratory 1 cr. (3P)

A laboratory course to accompany BIOL 221 or BIOL 219. Prerequisite: BIOL 221 or BIOL 219 or concurrent enrollment. Community Colleges only. (*F & Sp*)

C EP 110G: Human Growth and Behavior 3 cr.

Introduction to the principles of human growth and development throughout the life span. (*F & Sp*)

CHEM 110G: Principles and Applications of Chemistry 4 cr. (3+3P)

A survey of the properties and uses of the elements and their compounds. In addition to classical chemistry, attention is paid to the materials from which consumer products are made, to the production of energy, and to environmental considerations. Prerequisite: 3 years of high school math or CCDM 114N. (*F & Sp*)

COMM 253G: Public Speaking 3 Cr.

Principles of effective public speaking, with emphasis on preparing and delivering well-organized, logical, and persuasive arguments adapted to different audiences. (*F & Sp*)

COMM 265G: Principles of Human Communication 3 cr.
Study and practice of interpersonal, small group, and presentational skills essential to effective social, business, and professional interaction. (*F & Sp*)

ENGL 111G: Rhetoric and Composition 4 cr.
Skills and methods used in writing university-level essays. Prerequisite(s): ACT standard score in English of 16 or higher or a Compass score 76 or higher; for those scoring 13-15 in English on the ACT or 35-75 on the Compass, successful completion of a developmental writing course; for those scoring 12 or below on the ACT standard score in English or 34 or below on the Compass, successful completion of two developmental writing courses. (*F & Sp*)

ENGL 211G: Writing for the Humanities and Social Sciences 3 Cr.
Theory and practice in interpreting text from various disciplines in the humanities and social sciences. Strategies for researching, evaluation, construction, and writing researched arguments. Course subtitled in the Schedule of Classes. (*F & Sp*)

Humanities/Fine Arts G Courses (See Course Catalog Area V) – 6 credits.

HNDS 251: Human Nutrition 3 cr.
Principles of normal nutrition. Relation of nutrition to health. Course contains greater amounts of chemistry and biology than HNDS 163. Open to non-majors. (*F & Sp*)

MATH 121G: College Algebra 3 cr.
Fundamental concepts of functions, including algebraic and graphical properties. Fitting functions to data. Finding zeroes and extreme values. Solving systems of equations. Prerequisites: Adequate math placement score or C or better in MATH 120. (*F & Sp*)

NA 101: Nursing Assistant Theory and Lab 6 cr. (5+3P)
Nurse aide skills with emphasis on a bio-psychosocial-cultural approach to patient care. Practice of these skills is provided in the laboratory as well as at a clinical site. Successful completion of the course prepares and qualifies the student to take the NACES certification examination. Restricted to: Community Colleges only. (*F & Sp*)

NA 109: Phlebotomist Basic 4 cr. (3 + 3P)
Basic theory and skills of phlebotomy following OSHA and Center for Disease Control guidelines. Prepares students for employment as a phlebotomist in licensed settings. Requires a C or better to pass.

NA 110: Electrocardiogram Technician Basic 4 cr.
Prepares students for employment as an ECG/EKG technician. Includes basic theory of the cardiovascular system, basic cardiac rhythm interpretation, 12 LEAD ecg/ekg lead placement, and ECG/EKG equipment trouble shooting. Requires a C or better to pass. Prerequisite(s): OEHO 153 or BIOL 225

PSY 201G: Introduction to Psychology 3 cr. (3+3P)
Methods and principles of behavior. Topics include human evolution and development, biopsychology, perception, learning, thinking, motivation, social interaction, and the diagnosis and treatment of abnormal behavior. (*F & Sp*)

SOC 101G: Introductory Sociology 3 cr.

Introduction to social theory, research, methods of analysis, contemporary issues in historical and cross-cultural contexts. Covers groups, deviance, inequality, family, gender, social change, and collective behavior. (*F & Sp*)

STAT 251G: Statistics for business and the Behavioral Sciences 3 cr.
Techniques for describing and analyzing data; estimation, hypothesis testing, regression and correlation; basic concepts of statistical inference: Prerequisite: MATH 120 Same as A ST 251G. (*F & Sp*)

NURS Courses:

NURS 360: Introduction to Nursing Concepts 3 cr.
This course introduces the nursing student to the concepts of nursing practice and conceptual learning. Co-requisite(s): NURS 361 & NURS 362. Pre-requisite(s): Admission to Nursing Program. Restricted to: NURSING majors.

NURS 361: Principles of Nursing Practice 4 cr. (1 + 3p)
This course introduces the nursing student to the application of concepts through clinical skills in seminar, laboratory, and/or clinical settings. Principles of communication, assessments, safety, and interventions including accurate calculation, measurement, and administration of medications will be included. Co-requisite(s): NURS 360 & NURS 362. Pre-requisite(s): Admission to the nursing program. Restricted to: NURSING majors.

NURS 362: Evidence Based Practice 3 cr.
The focus of this course is the principles of evidence based nursing practice. It includes the identifications of clinical practice problems, the evaluation of available evidence, and the integration of evidence with clinical expertise and patient preferences in application to practice. Co-requisite(s): NURS 360 & NURS 361. Pre-requisite(s): Admission to the nursing program. Restricted to: NURSING majors.

NURS 328: Human Pathophysiology Foundation for Nursing 4 cr.
Human pathophysiology concepts of adaptation and alteration in function and structure across the life span and their implications for nursing practice. Co-requisite(s): NURS 360, NURS 361, NURS 362. Pre-requisite(s): Grade of C or better in both BIOL 253 and BIOL 254. Restricted to: NURS majors.