

Prerequisite	USD Course Name	USD Course #	Units	Course Description
Microbiology	Medical Microbiology	BIOL 214	4	This course is designed to be an introduction to microbiology for students working towards health-related professions. Fundamentals of microbiology, including Bacteriology, Virology, Mycology (fungi), and Parasitology (protozoa) will be covered, with an emphasis on human pathogens. Topics will include, but are not limited to bacterial structure, physiology and metabolism, bacterial pathogenesis and virulence, normal flora of the human body, immunology, methods of diagnosing and treating infections, viruses including influenza and HIV, and epidemiology. The laboratory portion of the class will focus on aseptic technique, inoculation and maintenance of cultures, microscopy, and identifying bacteria through both culture-based and molecular methods.
Microbiology	Microbiology	BIOL 342	4	An introduction to the microbial world, with emphasis given to bacteria, archaea and viruses. The diversity of prokaryotes is surveyed with particular attention devoted to differences in cell physiology, energy metabolism and ecology. Interactions between humans and microbial pathogens are also examined. The laboratory stresses techniques in light microscopy and procedures used to culture and characterize microorganisms. Two hours of lecture and two laboratories weekly.
Anatomy and Physiology	Anatomy and Physiology I and II	BIOL 212 BIOL 213	4	A two-semester course on the fundamentals of human anatomy and physiology. The biological function and structure of the cells, tissues, and major organ systems in the body will be covered, along with basic concepts of chemistry and physics. The course will also cover the pathological conditions that are most often seen by medical personnel, and will discuss how the loss of homeostasis leads to pathology or disease. BIOL 212 is the prerequisite for BIOL 213, and this combination is intended to meet the requirements of students preparing for allied health occupations. Three hours of lecture and one laboratory weekly.
Communication	Intro to Human Communication	COMM 101		An examination of the principles and contexts of human communication. Some of the principles surveyed are perception, listening, nonverbal communication, and persuasion. The primary contexts examined include interpersonal, group, organizational, and public communication. This course is a prerequisite for many upper division communication courses, and fulfills core curriculum requirements in social and behavioral inquiry and oral communication competency.
Communication	Public Speaking	COMM 203	3	An introduction to several forms of public communication. Emphasis is placed on the development and practice of public speaking about salient political, cultural, and social issues. Students are taught an audience-sensitive approach to the invention, arrangement, and delivery of public messages. Students are also introduced to the relationship between socially responsible speeches and rhetorical communication. Fulfills the core curriculum requirement in oral communication competency.
Communication	Interpersonal Communication	COMM 325		This course examines the dynamics of relational communication. Humanistic and social scientific theories of interpersonal relationship development will be emphasized. Topics include impression management, attraction, love, conflict, and the dark side.
Communication	Health Communication	COMM 340		This course explores communication issues relevant to health, disease, and illness. Topics covered include the role of language, provider-patient communication, social support, diversity, culture, and spirituality in health, information processing, health care teams, public health campaigns, and mass media. The course explores how communication shapes and is shaped by personal, institutional, and cultural constructions of health and how such concepts are created, maintained, and transformed in communication. Course content includes critiques of Western perspectives on health, illness, disease, and wellness and their influence on communication by investigating issues of race, class, gender, and sexism that exist in health practice, policy, and institutional structures. COMM 101 or COMM 300 are recommended, but not required.
Psychology	Introductory Psychology	PSYC 101	3	This core curriculum course provides an introduction to the science of psychology and includes the following topics: history of psychology, research methods in psychology, biological bases of behavior, sensation and perception, development, learning, memory, cognition, motivation, emotion, personality, social psychology, psychological disorders, and therapy.
Statistics	Statistics	MATH 120	3	Introduction to the analysis of research data in psychology. Topics include measures of central tendency and variability, correlation, prediction, and hypothesis testing.

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Anthropology	Intro to Anthropology	ANTH 102	3	An investigation of the nature of humankind, including the history of evolutionary theory, the fossil record, dating techniques, primate evolution and behavior, and human heredity, variation, and adaptation.
Sociology	Intro to Sociology	SOCI 101	3	An investigation of the nature of humankind, including the history of evolutionary theory, the fossil record, dating techniques, primate evolution and behavior, and human heredity, variation, and adaptation.
English	Composition and Literature	ENGL 121	3	Fulfills the core curriculum requirement in lower division written literacy, and should be taken within the first four semesters. Practice in developing skills of close observation, investigation, critical analysis, and informed judgment in response to literary texts. Students are encouraged to use the Writing Center, staffed by trained peer-tutors.
English	First Year Writing	FYW 150	3	Develops skills in reading and critical analysis of multiple discourses. Develops writing within multiple discourses, and the transfer of those writing skills to multiple disciplines and occasions. Students practice the entire process of writing, from initial conception, through drafts, to revision and editing. Students are encouraged to use the Writing Center, staffed by trained peer-tutors.
Nutrition	Not available at USD	X	X	A solid foundation in principles of biochemistry, anatomy, physiology in the context of nutrition. Macronutrients (protein, carbohydrate and fats), in conjunction with relevant micronutrients. Gene regulation related to nutrition. Concepts covered should include: pharmacology, toxicology, biochemistry, absorption distribution, metabolism and excretion, all pertinent as foundational content.