

University of Colorado Denver
College of Nursing

Bachelor of Science Prerequisites

Description of Courses

Anatomy	An introductory course dealing with basic human anatomy including the nervous system. Major focus should not be on kinesiology; all body systems must be included. Laboratory is recommended but not required. Combined anatomy and physiology courses will be accepted for both the anatomy and physiology prerequisites only if the course contains a minimum of six (6) semester hours (or 9 quarter hours).
Physiology	A course which focuses on basic human physiology including cells, homeostatic mechanisms, pH, fluids and electrolytes, and the interrelations between structure and function as well as among the various organ systems. Laboratory is recommended but not required. Combined anatomy and physiology courses will be accepted for both the anatomy and physiology prerequisites only if the course contains a minimum of six (6) semester hours (or 9 quarter hours).
Microbiology	An introductory course related to biology and classification of microorganisms, their interrelationship with other bacteria, animals and man. Content should include viruses, rickettsia, protozoans, parasites. Laboratory is recommended but not required.
Statistics	An introductory course in any discipline which covers basic statistical concepts: standard deviation, correlation, analysis of variance, statistical distribution, etc.
General Chemistry	Includes the study of measurements, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base, gas laws and condensed states.
Science	An additional course in any of the following: biology, biochemistry, organic chemistry, genetics, or physics. This course must include a laboratory experience if your chemistry course did not have a lab.
College Algebra	A course which covers polynomials; solving rational, exponential, and logarithm functions; and systems of equations/inequalities.
General Sociology	A general survey course examining the basic concepts, theories, and principles of sociology.
General Psychology	A general survey course of major topics in the field of psychology, sensory processes, human development, personality development, biological bases of behavior.
Developmental Psychology	A course covering the life span of individual and family developmental psychology. Content should include from birth to death; empirical and theoretical issues of the human life cycle family unit; developmental tasks and behaviors associated with maturation. Note: Two courses may be required to obtain this content.
Cultural Anthropology or Multicultural Studies	A course in one of these areas. (Example: Women's, Chicano, or African American Studies).
English Composition II	A non-remedial, second semester composition course that includes research paper writing, research strategies and conventions of documentation.
Creative Arts	A non-performance course in fine arts, music, literature, film, or other creative arts. A third or fourth level language course with proof of a literature component is also acceptable.
Nutrition	One course in human nutrition.
Foreign Language, History, Microeconomics, Philosophy or Political Science	Two of these courses are required. You cannot take two courses in the same subject. A course in a foreign language is strongly recommended.