

University of Colorado Denver College of Nursing

Accelerated Bachelor of Science (UCAN) 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.