Prerequisites

(Human Anatomy and Human Physiology must be taken within 5 years at the time of application.)

**Human Anatomy (4 units with laboratory):**
CSULB course: BIOL 208: The gross anatomy, histology, and neuroanatomy of the human body. Designed for majors in physical education and the allied health fields. (Lecture and Lab)

**General Biology I (4 units with lab):**
CSULB course: Biology 211: Evolution as a process responsible for biological diversity at all levels: molecular, cellular, organismal, population, and community. Phylogenetic and taxonomic survey of life. Science as method of inquiry. (Lecture and Lab)

**General Biology II (4 units with lab):**
CSULB course: Biology 212: Introduction to macromolecular and cellular structure and function and to fundamental genetic principles. (Lecture and Lab)

**Human Physiology (4 units with lab):**
CSULB course: Biology 207: General introduction to the functional integration of human body systems. (Lecture and Lab)

**Biology 260: Biostatistics (3 units):**
CSULB course: Biology 260: Use of probability and statistics in the description and analysis of biological data.

**General Chemistry I (5 units with lab):**
CSULB course: Chemistry 111A: Introduction to the principles of chemistry including chemical bonding, solution properties and chemical equilibrium and kinetics. (Lecture and Lab)

**General Chemistry II (5 units with lab):**
CSULB course: Chemistry 111B: Continuation of the study of chemical principles with application to inorganic systems. Includes application of modern bonding theories to inorganic molecules and study of trends and reactivities of the elements and their compounds. Qualitative inorganic analysis and extensive solving of aqueous equilibrium problems are emphasized. (Lecture and Lab)

**General Physics I (4 units with lab):**
CSULB course: Physics 100A: Considers properties of matter, mechanics, wave motion and heat. (Lecture and Lab)

**General Physics II (4 units with lab):**
CSULB course: Physics 100B: Considers electricity, light, and atomic and nuclear physics. (Lecture and Lab)

**General Psychology (3 units):**
CSULB course: Psychology 100: Introduction to the scientific study of human behavior. Designed to provide the student with a basic background for further study and for practical application in everyday life. Topics include biological foundations of behavior, motivation, emotion, learning, memory and thought processes, personality, development, social behavior, abnormal behavior, and methods of therapy.

9-26-12
California State University, Long Beach
Department of Physical Therapy
Doctor of Physical Therapy
Prerequisites

(Human Anatomy and Human Physiology must be taken within 5 years at the time of application.)

- If human anatomy and physiology are combined, the coursework must be a 2 semester, 8 unit, sequence.
- General Microbiology may substitute for either General Biology I or II.
- Organic Chemistry, Biochemistry, or a combined Organic/Biochemistry course can substitute for General Chemistry II.
- A semester unit is equivalent to 1.5 of a quarter unit (e.g. 4 semester units=6 quarter units).
- To determine equivalencies between CSULB and local community colleges, go to <assist.org>.