Full year, full sequence of Chemistry: The PT program requires a full year, full sequence of chemistry with laboratory to prepare students for a background in biological life sciences such as anatomy, physiology, and tissue dynamics. A lower division sequence (1000 or 2000 level) provides an adequate background to prepare for life sciences. Students must have a strong background in algebra – algebraic manipulation of equations; algebraic equations; basic properties of exponential functions; construct conversion factors; metric conversions and dimensional analysis. Students must also have a strong background in high school chemistry.

CSS course sequence: CHM 1110-1120 General Chemistry I & II. (4 credits each)

Full year, full sequence of human or vertebrate anatomy and physiology: A solid foundation in human anatomy and physiology is necessary to be a successful physical therapist. Completion of a full sequence of human anatomy and physiology is required. A laboratory component, preferably with a human cadaver or cadaver prosection, is required.

CSS course sequence: BIO 2110-2120 Human Anatomy and Physiology I & II. (4 credits each)

NOTE: Students are responsible for completing the prerequisite course(s) for BIO 2110-2120.

Full year, full sequence of physics: A full year, full sequence of physics with laboratory is required. Knowledge gained in this course sequence is applied in physical therapy through biomechanics and therapeutic interventions involving thermal energy, light, and electricity. Introduction to physics or a survey course in physics will not fulfill the requirements for the program.

CSS course sequence: PSC 2001-2002 Physics I & II. (4 credits each)

NOTE: Students are responsible for completing the prerequisite course(s) for PSC 2001-2002.

Course in statistics: A course in college-level statistics is required to allow students to integrate research evidence into their education. Application of statistics and discussion of appropriate types of statistics used with different research methodologies is highly recommended. A course offered by a psychology program best meets these requirements for our physical therapy program, however, other statistic courses at the 2000-level or above from the disciplines of math or economics may be considered.

CSS course: PSY 3331 Statistics. (4 credits)

Course or courses addressing lifespan developmental psychology: This required course (or course sequence) provides background knowledge in human development across the lifespan that is utilized daily in physical therapy practice. Content in this course should address the stages of human psychological development from birth to death. A psychology based course is preferred, however a course offered from other human service related fields may be considered. General psychology does not meet this requirement.

CSS course: PSY 2208 Lifespan Developmental Psychology. (4 credits)

Course in abnormal psychology: A study of theories and concepts related to variations of normal developmental psychology is required. Knowledge gained in this course provides a background for determining if and when a patient requires a referral to another healthcare provider based on psychological distress.

CSS course: PSY 3423 Abnormal Psychology. (4 credits)

Course in medical terminology: A course in medical terminology is required to provide a foundation in the terminology used by physical therapists when examining and treating the body’s systems and diseases.

CSS course: HSC 2209 Medical Terminology (2 credit)

Other PTH programs require general biology I with some programs requiring both general biology I and II. Many hours of observation is also required. Please connect with the graduate admissions office.

04/2015