

PTA Program

PROFESSIONAL COURSEWORK

PTA 2116: Patient Care Fundamentals Introduction to fundamentals of physical therapy patient care. PTA courses are only open to students admitted to the professional program. Summer.

PTA 2126: Movement Science Introduction to basic principles of musculoskeletal examination and evaluation of the human body. Students learn components of a patient history, systems review, observation and physical examination. Goniometry, muscle testing, sensory and reflex testing, functional assessment, special tests, palpation, posture analysis and gait analysis are covered. Summer.

PTA 2213: Musculoskeletal Physical Therapy Students review passive, active and active assistive range of motion skills. Resistance exercise and the use of exercise equipment are practiced. Stretching and joint mobilization for specific diagnoses that are appropriate for the PTA to perform and practice. Fall.

PTA 2223: Physical Agents and Massage Basic principles and techniques of massage and application of modalities are presented. An investigation into the risk factors and pathophysiological considerations associated with integumentary diseases and conditions as well as aseptic technique and universal precautions is provided. Fall.

PTA 2233: Neuromuscular Physical Therapy I Covers foundational science and theory behind the physical therapy management of patients with neuromuscular conditions. Fall.

PTA 2263: Pathophysiological Conditions Review of cardiopulmonary anatomy and physiology and other physiological conditions such as gastrointestinal, metabolic/endocrine, and multi-system pathologies. Includes physical therapy assessment and rehabilitation of patients with pathophysiological disorders frequently seen by physical therapy in the clinical setting.

PTA 2252: Clinical Education I Five weeks of full time affiliation at one facility working under the supervision of an on-site clinical instructor. Students integrate knowledge of basic sciences and interventions to practice treatment techniques in the clinical setting. Forty hours per week. Fall.

PTA 2303: Neuromuscular Physical Therapy II Covers common interventions used in the physical therapy management of patients with neuromuscular conditions. Spring.

PTA 2323: Seminar Introduction to principles of administration, teaching and learning, and evidence based practice as they apply to physical therapy practice. Social responsibility, career development and lifelong learning are also discussed. Spring.

PTA 2333: Clinical Education II Five weeks of full time affiliation at one facility working under the supervision of an on-site clinical instructor. Students integrate knowledge of basic sciences and interventions to practice treatment techniques in the clinical setting. Forty hours per week. Spring.

PTA 2343: Clinical Education III Six weeks of full time affiliation at one facility working under the supervision of an on-site clinical instructor. Students integrate knowledge of basic sciences and interventions to practice treatment techniques in the clinical setting. Forty hours per week. Spring.

PTA 2413: Directed Study Guided investigation of a topic related to physical therapy selected in consultation with a member of the Physical Therapist Assistant faculty. Prerequisite: Approval of the Program Coordinator. Demand.