Clinical Exercise Physiology (CEP)

CEP 600. Healthy Living Medicine for Diabetes and Other Metabolic Disorders. 4 hours.
Introduces students to the etiology, diagnosis, and management of diabetes and other metabolic disorders. It reviews considerations for exercise testing, prescription and monitoring of patients with diabetes and other metabolic disorders.

CEP 601. Healthy Living Medicine for the Clinically Complex Patient. 4 hours.
Introduces students to exercise testing, exercise prescription and exercise monitoring of patients with clinically complex disorders (cancer, kidney disease, physical, neurologic or cognitive disabilities).

CEP 625. Professional Development I. 3 hours.
Provides an overview of the clinical exercise physiology practice with special emphasis on the evolving roles of clinical exercise physiologists, laws, ethics, values, evidence, documentation of patient management, and risk management.

CEP 626. Professional Development II. 3 hours.

CEP 641. Clinical Education Experience I. 6 hours.
A 12-week supervised clinical education experience in a clinical setting to prepare for entry-level clinical exercise physiology practice. Course Information: Satisfactory/Unsatisfactory grading only.

CEP 642. Professional Development II. 6 hours.

CEP 655. Cardiovascular Imaging and Research Methods I. 2 hours.
Teaches students to understand the principal aspects of cardiac and vascular imaging modalities including physical principles, instrumentation, cardiovascular anatomy/physiology and pathophysiology. Course Information: Same as PT 555. Recommended background: Human Anatomy, Human Physiology, or Human Biology at the undergraduate or graduate level coursework. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

CEP 656. Cardiovascular Imaging. 2 hours.
Teaches the skills and knowledge to conduct cardiac and vascular imaging studies using advanced tools and techniques such as transesophageal echocardiography, contrast ultrasound, image analysis, archiving and retrieval. Course Information: Same as PT 556. Prerequisite(s): CEP 655. Recommended Background: Human Anatomy, Human Physiology, or Human Biology at the undergraduate or graduate level coursework.

CEP 657. Clinical Rotation I. 3 hours.