

## HS - Health Sciences

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Courses numbered 500 to 799 = *undergraduate/graduate*. (Individual courses may be limited to undergraduate students only.) Courses numbered 800 to 999 = *graduate*.

### **HS 585. Clinical Neuroscience (3).**

Serves as a foundational applied learning experience that expands on core knowledge of neuroanatomy and neurophysiology of the human body. This course is critical for students preparing for a degree in health professional programs in a variety of settings (e.g., audiology, nursing, physical therapy, physician assistant, medical degrees, speech-language pathology) or advanced degrees in the sciences (e.g., biology, exercise sciences). This course is designed to integrate the development, anatomy and physiology of the central and peripheral nervous system with clinical correlates. Students learn to integrate the normal molecular, cellular, physiological and anatomical aspects of the nervous system to understand the basis of disorders commonly encountered in clinical practice. Prerequisite(s): BIOL 223 or HS 290.

### **HS 600. Advanced Clinical Anatomy (5).**

Structured to present the human body using a regional approach. Emphasis on learning gross anatomy with a clinical mindset. In addition to lectures, the students use prosected cadavers, skeletal specimens, radiographic films and anatomical models. Designed for those students who desire to pursue a degree within health professions and who would like to deepen their knowledge of human anatomy and its application to clinical scenarios. Prerequisite(s): BIOL 223 or HS 290.

### **HS 700. Gross Anatomy (6).**

Study of the structure of the human body emphasizing integration of anatomical information with human functional abilities. This course has a lab component. Prerequisite(s): four semesters of biological sciences and instructor's consent.