480 Special Problems in Anatomy  
Fall, Spring. 3(4-0) P: BS 161 or BS 181H or LB 145 R: Not open to freshmen or approval of department. SA: ANTR 316, ANTR 316  

551 Medical Gross Anatomy  
Fall, Summer. 6(4-6) R: Open to students in the College of Human Medicine or in the College of Osteopathic Medicine or approval of department. SA: ANT 551  
Human regional gross anatomy with clinical correlations using projections, cross-sections, medical imaging, and multimedia.

552 Medical Neuroscience  
Spring. 4(3-2) Interdepartmental with Neurology and Ophthalmology and Physiology. Administered by Neurology and Ophthalmology. R: Open only to graduate-professional students in the Colleges of Human Medicine and Osteopathic Medicine. SA: ANT 552  
Correlation of normal structure and function of the human nervous system with clinical testing, classical lesions, and common diseases.

585 Directed Study in Human Prosection  
Fall, Spring, Summer. 1 to 5 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 551 R: Open only to graduate-professional students in the College of Human Medicine or College of Osteopathic Medicine and approval of department.  
Prosection of selected regions and isolated structures of preserved human cadavers. Oral presentation.

590 Independent Study in Clinical Human Morphology  
Fall, Spring, Summer. 1 to 5 credits. A student may earn a maximum of 10 credits in all enrollments for this course. RB: Admission to the College of Human Medicine or the College of Osteopathic Medicine or graduate program in the College of Nursing. R: Open to human medicine students and open to osteopathic medicine students and open to graduate students in the College of Nursing. Approval of department.  
Independent study of a specific topic from gross anatomy, histology, radiological anatomy, cytology, neuroscience, or embryology.

839 Systems Neuroscience  
Spring. 4(4-0) Interdepartmental with Neuroscience and Pharmacology and Toxicology and Physiology and Psychology and Zoology. Administered by Neuroscience. R: Open only to graduate students in the Colleges of Human Medicine, Osteopathic Medicine, Agriculture and Natural Resources, Natural Science, Social Science, and Veterinary Medicine. SA: ANTR 839  
Anatomy, pharmacology, and physiology of multicellular neural systems. Sensory, motor, autonomic, and chemo-regulatory systems in vertebrate brains.

885 Vertebrate Neural Systems  
Spring of odd years. 3(2-2) Interdepartmental with Neuroscience and Physiology. Administered by Neuroscience. SA: ANTR 885  
Comparative analysis of major component systems of vertebrate brains. Evolution, ontogeny, structure, and function in fish, amphibians, reptiles, birds and mammals.

890 Topics in Anatomy and Structural Morphology  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 5 credits in all enrollments for this course. R: Open to graduate students. Approval of department. Independent study in gross anatomy, histology, virtual microscopy, neuroanatomy, physical anthropology or forensic radiology.