RADIOLOGY

Department of Radiology
College of Human Medicine

401 Quantitative Human Biology
Spring. 3(4-0) Interdepartmental with Human Anatomy and Biomedical Engineering and Materials Science and Engineering. Administered by Biomedical Engineering. P: (MTH 235 and PHY 184) and (PSL 250 or concurrently) or (PSL 431 or concurrently) or (ANTR 350 or concurrently) or (CEM 141 or CEM 151) RB: (CSE 131 or concurrently) or (CSE 231 or concurrently) or PSL 410
Qualitative description and quantitative engineering analysis of selected, tractable human-biological systems. Multi-disciplinary problem-solving among medical and engineering professionals.

552 Medical Neuroscience
Spring. 4(3-2) Interdepartmental with Human Anatomy and 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.

553 Introduction to Radiology
Spring. 1(1-0) R: Open only to graduate-professional students in the Colleges of Human Medicine and the College of Osteopathic Medicine or approval of department. Principles of medical diagnostic radiology: means of generating diagnostic images, and anatomical and physiological changes that result in such images.

590 Independent Study
Fall, Spring, Summer. 1 to 3 credits. R: Approval of department.
Special aspects of radiology. Imaging as a diagnostic tool in patient management.

609 Radiology Clerkship
Fall, Spring, Summer. 4 to 8 credits. A student may earn a maximum of 32 credits in all enrollments for this course. RB: Completion of two years of graduate-professional program in College of Human Medicine or College of Osteopathic Medicine. Diagnostic imaging consultation. Participation in image interpretation and observation in hospital or outpatient radiology setting.

806 Advanced Neuroscience Techniques Laboratory
Spring. 3(0-9) Interdepartmental with Neuroscience and Pharmacology and Toxicology and Physical Medicine and Rehabilitation and Psychology. Administered by Neuroscience. RB: PHM 827 R: Open only to doctoral students in the Neuroscience major. Methods and underlying principles of neuroscience research.