

RADIOLOGY**RAD****Department of Radiology
College of Human Medicine****503 Introduction to Diagnostic Radiology**

Summer. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of department. Not open to students with credit in RAD 553. C: ANTR 501 concurrently.

Principles of medical diagnostic radiology, means of generating diagnostic images and the anatomical and physiological changes that result in such images.

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 in Radiology

Fall, Spring, Summer. 1 to 5 credits. A student may earn a maximum of 10 credits in all enrollments for this course. RB: RAD 553 or RAD 609 R: Approval of department.

Independent study in areas such as clinical diagnostic radiology, radiological physics, or radiological information technology.

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 out-patient 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.