

RADIOLOGY

RADI 720 DIAGNOSTIC RADIOLOGY 4 Credit Hours

ELECTIVE

Daily observations of film interpretation, fluoroscopic examinations and interventional radiographic procedures. We will discuss plain film analysis of the abdomen and chest, terminology used with different modalities, radiation protection and the patient's experience of radiological tests. You will further learn by teaching your peers through unknown cases and presentations. With the cooperation of the instructor, emphasis can be directed to specialized areas such as pediatric radiology, cardiovascular radiology, ultrasounds, neuroradiology, musculoskeletal radiology, and GU radiology. Students will be assigned at the University Hospital. You will receive your clinical schedule at the beginning of the rotation.

Contact: Tina Hunter; thunter@unmc.edu (402-559-1018).

Typically Offered: Each four weeks EXCEPT December

Capacity: 16

Visiting Student Information: Visiting Students are not to contact faculty or clinical departments prior to acceptance through VSLO. Doing so is considered a professional breach and may disqualify the student from being offered a rotation.

RADI 724 NUCLEAR MEDICINE 4 Credit Hours

ELECTIVE

This elective is directed towards acquainting the student with the field of Nuclear Medicine. The application of radionuclides to the diagnosis, treatment and/or investigation of human disease is surveyed with emphasis on clinical applications. The students receive didactic instruction in the principles and practice of pertinent nuclear physics and instrumentation. They will participate in case evaluation, procedure selection, radio-pharmaceutical dose calculation and administration, conduct the procedure, subsequent evaluation and analysis of data with patients. Integration of the consultative report into the total patient care is stressed. Pertinent radiation biologic and radiation protection considerations are related to the conduct of the routine practice of nuclear medicine. Opportunity is available for the pursuit of individual interests within the overall framework of the elective. A specific investigational activity exploring an area of interest in greater depth is also an integral part of the elective, providing a more detailed experience relating to the field of nuclear medicine.

Prerequisite: Pre-arranged with designated faculty

Contact: Tina Hunter; thunter@unmc.edu; 402-559-1018; UT3 1336 (Zip 1045)

Typically Offered: Variable

Capacity: 1

Visiting Student Information: This course is NOT available to visiting students.

RADI 727 INTERVENTIONAL RADIOLOGY 4 Credit Hours

ELECTIVE

This elective exposes the student to the clinical side of radiology. Interventional Radiology is patient oriented and students are encouraged to participate in pre-procedure workup, observation and performance of procedures, and post procedure care. Didactic sessions are conducted every morning, where cases of the day and completed cases from the day before are discussed. Interventional Radiology encompasses most specialties, including peripheral vascular disease, oncology, surgery, internal medicine, ob/gyn, urology, pediatrics, pathology, and neurology to name a few.

Instructor: Dr. Tim Donovan

Contact: Tina Hunter, Department of Radiology; thunter@unmc.edu (402-559-1018).

Typically Offered: Each four weeks

Capacity: 2.

RADI 760 OFF CAMPUS RADIOLOGY ELECTIVE 4 Credit Hours

ELECTIVE

An Off-Campus Elective Application form must be completed for this experience. (See Off-Campus Elective Application procedures.) The student must have completed Diagnostic Radiology (RADI-720) prior to approval of an off-campus elective, unless the student is planning to take the elective at a teaching (university-affiliated) hospital.

Prerequisite: Successfully completed RADI-720; Off-Campus Approval form completed

Contact: Tina Hunter; thunter@unmc.edu; 402-559-1018;

Typically Offered: Each four weeks

Capacity: Variable Location: Variable

Visiting Student Information: This course is NOT available to visiting students.