RADIOLGY

Chair/Dr. Craig Walker  
Dr. Melissa Manzer/Student Coordinator  
Tina Hunter, Curriculum Clerk  
Room 1541 UMA  
402-559-1018  
To pre-arrange this elective contact:  
Tina Hunter  
Department of Radiology  
thunter@unmc.edu  
402-559-1018  
University Tower 3: 1336

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; hunter@unmc.edu; 402-559-1018; UT3 1336 (Zip  
1045)  
Typically Offered: Each four weeks  
Capacity: 16  
Visiting Student Information: Visiting Students are not to contact faculty  
or clinical departments prior to acceptance through VSAS. 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; hunter@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 INTERVENTIONL RADIOLGY 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. Chris Vargo  
Contact: Tina Hunter; hunter@unmc.edu; 402-559-1018; UT3 1336 (Zip  
1045)  
Typically Offered: Each four weeks  
Capacity: 1

RADI 760 OFF CAMPUS ELECTIVE 4 Credit Hours  
ELECTIVE  
An Off-Campus Elective Application form must be completed for this  
experience. (See Off-Campus Elective Application procedures.)  
Prerequisite: Successfully completed RADI-720; Off-Campus Approval  
form completed  
Contact: Tina Hunter; hunter@unmc.edu; 402-559-1018; UT3 1336 (Zip  
1045)  
Typically Offered: Each four weeks  
Capacity: Variable Location: Variable  
Visiting Student Information: This course is NOT available to visiting  
students.