

# RADIOLOGY (RADI)

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**RADI D620 - Radiology (1-4 Credits)**

This course will provide instruction and the opportunity for the student to participate in routine diagnostic imaging procedures. The course will include instruction in the principles of image production and quality control. Instruction will also be given in basic radiation safety. At the completion of the course, the student will have participated in the operation of a diagnostic radiology department. The student will have been made aware of the usefulness and limitations of routinely used procedures in diagnostic radiology.

**RADI D621 - Radiation Oncology (1 Credit)**

The student will participate in the physical diagnosis, treatment planning and treatment delivery of patients receiving therapeutic doses of radiation. The student will attend regularly scheduled rounds to discuss patients currently under treatment and will be encouraged to participate in the group discussion. Students will also attend any regularly scheduled Oncology conferences. Reading assignments will be given.

**RADI D622 - Clinical Nuclear Medicine (1-12 Credits)**

The course will give the student instruction and experience in the clinical use and performance of nuclear medicine procedures. At the completion of the course, the student will have participated in the performance of all routine nuclear medicine procedures and will have gained some understanding of their clinical usefulness. The chemical and physiologic principles of the various procedures will have been presented and the students' knowledge of radiation detection and the safe handling of radioactive materials will have been extended.

**RADI D660 - Radiological Science (1-12 Credits)****RADI D670 - Introduction to Radiology (1-12 Credits)**

During your four week rotation, you will have an introduction to radiology that will take you from the basics of x-rays to the uses of advanced imaging modalities. You will gain an understanding of what a radiologist does and you will have the opportunity to observe a variety of radiological procedures. At the completion of the course, you will have a better understanding of diagnostic and therapeutic options available in radiology.

**RADI D690 - Clinical Radiology (4 Credits)****RADI D691 - Clinical Radiology II (1-12 Credits)**