Radiology (RADIOL)

RADIOL 4328: Introductory Radiation Biology
(same as BIO_SC 4328, NU_ENG 4328, V_M_S 7328). Concepts of ionizing radiations, their actions on matter through effects on simple chemical systems, biological molecules, cell, organisms, man.

Credit Hours: 3
Prerequisites: junior standing Sciences/Engineering; one course in Biological Sciences and Physics/Chemistry; or instructor's consent

RADIOL 6044: SCC Radiation Oncology Elective
Students will enhance their knowledge, skills, and attitudes about patient-centered care through active participation in direct patient care activities while under the supervision of a faculty preceptor. Students will integrate previously acquired knowledge and concepts and apply them to the care and management of patients. During the elective, students will be expected to work-up patients, perform physical exams, and present cases to faculty. Students will also be exposed to treatment planning, simulations, and treatment deliveries throughout the rotation. At the end of the elective, students will be expected to give a 10-minute presentation on a topic of their choosing.

Credit Hours: 5
Prerequisites: Successful completion of the first two years of medical school

RADIOL 6373: ABS Radiology Research
ABS Radiology Research

Credit Hour: 5-10

RADIOL 6645: Radiology
Goals/Objectives: General survey of all subspecialties of radiology.
Evaluations: Written evaluations performed by both faculty and residents.

Credit Hours: 5

RADIOL 6646: SCC Radiology Elective
Students on this elective rotate through the various areas of radiology, spending time in each of the following subspecialties: musculoskeletal, ultrasound/mammography, chest/body imaging, neuroradiology (CT/MRI), pediatric imaging, and/or Interventional Radiology. Students participate in workstation rounds. Information is presented using a variety of evidence-based resources and online modules, including case conferences, daily mini-lectures, and case review websites.

Credit Hours: 5
Prerequisites: Successful completion of the first two years of medical school; faculty approval

RADIOL 6650: Advanced Radiology
Advanced Radiology

Credit Hours: 5

RADIOL 6745: Radiology - Rural
Radiology - Rural

Credit Hours: 5