RDSC 3001  Radiologic Sciences I
5 Credit Hours.  5 Lecture Hours.  0 Lab Hours.
An introduction to professional organization, specialties, accreditation,
certification, licensure, professional development, ethics, and legal issues.
Topics include mechanics, electromagnetic physics, nuclear physics, x-
ray production, introduction to digital imaging processes, fluoroscopy,
sonographic or radiologic physical principles and instrumentation, and
nuclear decay as they relate to the medical setting.

RDSC 3002  Radiologic Sciences II
6 Credit Hours.  6 Lecture Hours.  0 Lab Hours.
Biological, chemical, and physical effects of radiation and radiation
measurement and safety. A survey of human pathology including cancer,
vascular diseases, trauma, anomalies and other disease processes as
demonstrated by radiologic imaging. Includes 2D and 3D cross sectional
images of ultrasound, CT, MRI, Nuclear Medicine and Radiography.
Prerequisite(s): A minimum grade of "C" in RDSC 3001.

RDSC 3060  Principles of Image Formation and Evaluation
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
Open only to majors in radiologic sciences. Factors controlling
radiographic image production and image quality. Topics include
geometric and photographic properties, image quality evaluation, and
image display.

RDSC 3060L  Prin of Image Form & Evalu Lab
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

RDSC 4100  Advanced Imaging Modalities
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Instrumentation, operation, and clinical uses of MRI or CT or
Mammography or Sonography.
Prerequisite(s): A minimum grade of "C" in RADR 4101 or CVIS 4101
or NUCM 4101 or RTHR 4101 or SONO 4101 and RADR 4102 or
CVIS 4102 or NUCM 4102 or RTHR 4102 or SONO 4102.