

- RADS 2140 Pathology for the Imaging Professional** (2-0-2)
Content is designed to introduce the student to concepts related to disease and etiological considerations. Pathology and disease as they relate to various radiographic procedures are discussed with emphasis on radiographic appearance of disease and impact on exposure factor selection. Topics include: fundamentals of pathology, trauma/physical injury and systematic classification of disease.
Prerequisites: RADS 1000, ALHE 1120, BIOL 1100K.
Offered: Summer.
- RADS 2150 Radiologic Science Review** (3-0-3)
Provides a review of basic knowledge from previous courses and helps the student prepare for national certification examinations for radiographers. Topics include: image production and evaluation, radiographic procedures, anatomy, physiology, pathology, and terminology, equipment operation and quality control, radiation protection, and patient care and education.
Prerequisites: RADS 1100, RADS 2060, RADS 2130, RADS 2140, RADS 2250.
Corequisite: None.
Offered: Fall.
- RADS 2240 Clinical Imaging IV** (0-24-6)
Continues to provide students with intermediate learning experience in hospital/clinical setting. Students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: patient care, radiation safety practices, behavioral and social competencies, performance and/or observation of minor special procedures, special equipment use and participation in and/or observation of cranial and facial radiography. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained.
Prerequisite: RADS 1230.
Corequisite: RADS 2060.
Offered: Spring.
- RADS 2250 Clinical Imaging V** (0-12-3)
Advanced clinical learning experiences are obtained as students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: sterile techniques, participation in and/or observation of minor special procedures, special equipment use, and genitourinary system procedures, participation in and/or observation of cranial and facial radiography and competency completion evaluation. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained.
Prerequisite: RADS 2240.
Corequisite: None.
Offered: Summer.