



# Radiology Technology

**AAS (60 SCH\*)**

\*Semester Credit Hour

5/2024

## First Semester - 13 SCH (Spring)

**BIOL 2401 - Anatomy & Physiology I**  
**RADR 1201 - Introduction to Radiography**  
**RADR 1266 - Practicum - Radiologic Technology/  
Science - Radiographer**  
**RADR 1203 - Patient Care**  
**RADR 1311 - Basic Radiographic Procedures**

## Second Semester - 11 SCH (Summer)

**BIOL 2402 - Anatomy & Physiology II**  
**RADR 1213 - Principles of Radiographic Imaging I**  
**RADR 1267 - Practicum - Radiologic Technology/  
Science - Radiographer**  
**RADR 2301 - Intermediate Radiographic Procedures**

## Third Semester - 13 SCH (Fall)

**MUSI 1306 - Music Appreciation**  
**PSYC 2314 - Lifespan Growth and Development**  
**RADR 2209 - Radiographic Imaging Equipment**  
**RADR 2266 - Practicum - Radiologic Technology/  
Science - Radiographer**  
**RADR 2331 - Advanced Radiographic Procedures**

## Fourth Semester - 13 SCH (Spring)

**ENGL 1301 - Composition I**  
**MATH 1314 - College Algebra**  
**RADR 2233 - Advanced Medical Imaging**  
**RADR 2213 - Radiation Biology and Protection**  
**RADR 2366 - Practicum - Radiologic Technology/  
Science - Radiographer**

## Fifth Semester - 4 SCH (Summer)

**RADR 2205 - Principles of Radiographic Imaging II**  
**RADR 2267 - Practicum**

## Sixth Semester - 6 SCH (Fall)

**RADR 2335 - Radiologic Technology Seminar**  
**RADR 2367 - Practicum**

## Marketable Skills

- Review and evaluate developed x-rays, video tape, or computer-generated information to determine if images are satisfactory for diagnostic purposes.
- Operate or oversee operation of radiologic or magnetic imaging equipment to produce images of the body for diagnostic purposes.
- Position patient on examining table and set up and adjust equipment to obtain optimum view of specific body area as requested by physician.
- Process exposed radiographs using film processors or computer generated methods.
- Use radiation safety measures and protection devices to comply with government regulations and to ensure safety of patients and staff.

## Program Outcomes

- Demonstrate proper patient positioning and technical factors required for digital imaging.
- Demonstrate radiation protection.
- Demonstrate effective communication skills with patients and members of the healthcare team.
- Demonstrate professionalism in clinical situations.
- Demonstrate exemplary customer service.
- Demonstrate critical thinking in trauma situations.

## High School Endorsements

Public Service

## Expected Salary

**Texas wage data:** workers on average earn \$59,860; 10% of workers earn \$40,530 or less; 10% of workers earn \$81,470 or more.

## Career Opportunities

Hospitals; Home Health; Clinics; Mobile Radiology; Physician Offices.

## Additional Educational Opportunities

Students may pursue a Bachelor's Degree in Radiology.