



Radiology Technology

AAS (60 SCH*)

*Semester Credit Hour

7/2023

First Semester - 14 SCH (Spring)

BIOL 2401 - Anatomy & Physiology I
RADR 1201 - Introduction to Radiography
**RADR 1266 - Practicum - Radiologic Technology/
Science - Radiographer**
RADR 1303 - 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

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

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

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

Sixth Semester - 5 SCH

RADR 2235 - 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.

Additional Educational Opportunities

Students may pursue a Bachelor's Degree in Radiology.

Career Opportunities

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