

■ GENERAL INFORMATION

Classes for new Radiography students begin every spring semester and run for 18 consecutive months with an additional 12-18 months in a specialty area. During the 30-36 month program, students participate in a structured rotation sequence through affiliated medical imaging and radiation sciences departments in Arkansas, Tennessee, Mississippi and Missouri.

Students must provide their own transportation to the clinical affiliates. When determining educational costs, consideration should be given to this additional expense. Students are not compensated for clinical education hours.

■ IMMUNIZATION & HEALTH RECORDS

Once accepted into the program, students must provide documented evidence of vaccination and immunization for Hepatitis B and Varicella (chicken pox).

Students must be up-to-date on all vaccines required by the Radiography program clinical affiliates including TB skin tests, the flu vaccine, and HEPA mask fittings.

■ EXPENSES

In addition to tuition and immunization costs, students will incur the following expenses:

1. All students in the College of Nursing & Health Professions must purchase malpractice insurance prior to rotating through clinical sites. The annual cost of this insurance is about \$40.
2. Textbook costs for the first semester may be as much as \$500. These texts are used throughout the program.
3. Uniform costs are approximately \$200.
4. CPR and BDLS certifications are required and may charge a nominal fee.
5. Background checks are required for clinical students. This cost is between \$75-\$100. A drug screen is required for certain clinic sites with a cost between \$25-\$45.
6. Students are required to purchase access to online clinical software for use in clinical courses. This is an annual fee of \$100-\$150/year.
7. TB mask fittings are required. The fitting may be scheduled through A-State, with an annual fee of approximately \$25.

■ ENGLISH PROFICIENCY REQUIREMENTS

The Department of Medical Imaging and Radiation Sciences programs and professions require a high level of proficiency in English. This ensures all students have the language skills necessary to meet programmatic academic and clinical objectives.

All foreign-born students may learn more about the English proficiency requirements at AState.edu/Degrees/BSRS/Eng.



■ TECHNICAL STANDARDS

To ensure patient safety and welfare, the student must demonstrate "with or without accommodations" in order to successfully complete the program:

1. Sufficient eyesight to observe teaching methods and patients, manipulate equipment and accessories, and evaluate radiographs for quality.
2. Sufficient hearing to communicate effectively with members of the healthcare team and patients and hear various patient, equipment and background sounds.
3. Sufficient gross and fine motor coordination to manipulate equipment and accessories, lift a minimum of 50 pounds, and respond promptly to patient's needs.
4. Satisfactory intellectual and emotional functions to ensure patient safety and to exercise independent judgment in the performance of assigned responsibilities in stressful situations.
5. Satisfactory verbal, written and reading skills to effectively and promptly communicate in English.
6. The ability to work collaboratively and demonstrate ethical behaviors with all members of the healthcare team.



Radiography Program



ARKANSAS STATE
UNIVERSITY

BACHELOR OF
SCIENCE RADIOLGIC
SCIENCES

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RADIOGRAPHY PROGRAM

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AState.edu/CoNHP/RadSci/Degrees

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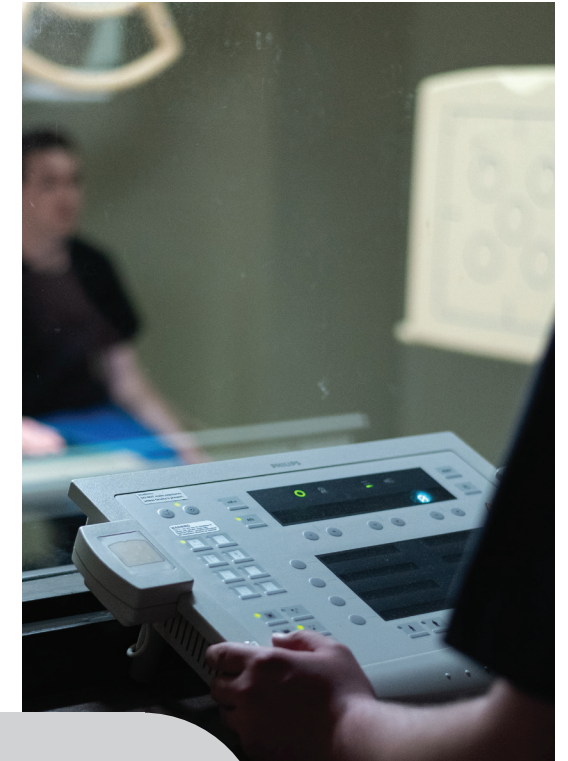
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College of
Nursing &
Health Professions

YOUR EDUCATION:
Our Mission

ARKANSAS STATE UNIVERSITY RADIOGRAPHY PROGRAM

MISSION STATEMENT

The Department of Medical Imaging and Radiation Sciences (MIRS) exists to provide comprehensive, multi-skilled education preparing students for entry-level practice in the medical imaging and radiation therapy professions. This mission is accomplished through collaborative education, research and scientific efforts with the health care community.

RADIOGRAPHY PROGRAM

Students who are accepted into the program (see program admission) must complete all radiography program requirements, then select and apply for a senior year emphasis in one of the following Medical Imaging and Radiation Sciences specialty areas/tracks:

- Cardiovascular-Interventional Technology
- Diagnostic Medical Sonography
- Magnetic Resonance Imaging
- Mammography/Breast Sonography
- Medical Imaging Informatics
- Radiation Therapy

DESCRIPTION OF THE TRACKS

Sophomore/Junior Year

Radiography: Provides students with the skills necessary to image the human body.

Senior Year (as listed in order above)

Cardiovascular-Interventional Technology: Provides students with the skills necessary to assist with diagnostic angiographic procedures, as well as complex vascular and non-vascular interventional and therapeutic procedures.

Diagnostic Medical Sonography: Provides students with the skills necessary to operate sonographic equipment and to image the body's organs, tissues, blood vessels and musculature.

Magnetic Resonance Imaging: Provides students with the skills necessary to manipulate MR parameters to acquire high-quality images for interpretation.

Mammography/Breast Sonography: Provides students with the skills necessary to obtain high-resolution images to evaluate breast tissue for various abnormalities such as lesions or possible breast implant rupture.

Medical Imaging Informatics: Provides students with the skills necessary to manipulate patient images and data for use and storage.

Radiation Therapy: Provides students with the skills necessary to deliver medical radiation therapy treatments.

***NOTE:** Students must consult with program faculty when choosing their senior year modality track. Space in specialty tracks is limited and thus admission is competitive.

GOALS AND OUTCOMES - RADIOGRAPHY

Students will be clinically competent.

Student Learning Outcomes:

- Students will provide appropriate patient care.
- Students will practice proper radiation safety.
- Students will produce quality radiographs.

Students will develop critical thinking skills.

Student Learning Outcomes:

- Students will adapt to varying clinical experiences and equipment.
- Students will critique images and recommend corrective action for suboptimal radiographs.

Students will demonstrate communication skills.

Student Learning Outcomes:

- Students will demonstrate written communication skills.
- Students will demonstrate oral communication skills.

Students will model professionalism.

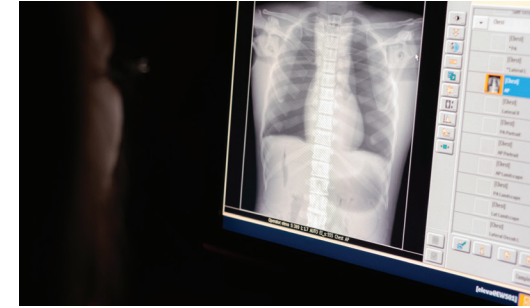
Student Learning Outcomes:

- Students will demonstrate professional work ethic.
- Students will summarize the value of lifelong learning.



RADIOGRAPHY PROGRAM MISSION

The Radiography Program at Arkansas State University exists to produce competent entry-level technologist for the practice of radiologic technology.



ADMISSION: RADIOGRAPHY PROGRAM

Students are encouraged to meet with an academic adviser as early as possible. Select college-level coursework is evaluated and scored during the application process. Interested candidates should:

- Complete the admission packet (found on the department website).
- Complete the criminal background check acknowledgement document.

All required materials (see application) must be received by 5 p.m., on Oct. 31.

Applicants to the program are selected by the Admission Committee using the following criteria weighted by percentages (see website for more details):

1. Support course grade point average (35%)
2. Standardized exam score (30%)
3. Interview (30%)
4. Shadowing experience (5%)

The first two categories listed are translated to a scaled system of points. Once scaled, students are ranked accordingly. The top candidates will be asked for an interview. The number of accepted applicants may vary each year based on available clinical slots.

***NOTE:** Students completing general education courses and required support courses on the A-State campus will be awarded extra points toward the final score. Students who prove proficiency in Spanish will also receive additional points. (The department homepage contains the details for proving proficiency on Spanish)

ADMISSION: SPECIALTY AREAS

Individuals who have graduated from, or are currently enrolled in, an accredited radiography program may apply for admission into a specialty track/area. The application due date for all specialty tracks is April 1. All required materials (see application) must be received by 5 p.m. on April 1. Please see the Medical Imaging and Radiation Sciences website for more details.

ONLINE BRIDGE PROGRAM

The Imaging Specialist (Bridge) program provides an avenue towards completion of a BSRS degree. Bridge program courses are available online and interested candidates are encouraged to contact an academic adviser to discuss application to the program and online course availability.

ADMISSION: BRIDGE PROGRAM

To be admitted to the Bridge program, applicants must have graduated from, or be currently enrolled in, an accredited radiography program. Interested candidates should:

1. Apply for admission to Arkansas State University.
2. Request an official copy of academic transcripts for both the A-State Admissions Office and the MIRS academic adviser.
3. Contact the MIRS adviser to discuss a degree plan.

Following admission to the BSRS Bridge program, students will receive credit by articulation for their associate degree/certificate in radiologic science education (47 hours). Awarded credit will be evaluated on a case-by-case basis.

BRIDGE PROGRAM DEGREE HOUR SUMMARY

| | |
|--|------------|
| General Education requirements | 35 |
| Major requirements (radiology program) | 47 |
| Emphasis area requirements (Bridge) | 36 |
| Required support courses | 4 |
| Total Hours | 122 |

BRIDGE PROGRAM OUTLINE

| | | |
|------|------|--|
| DPEM | 3053 | Principles of Disaster Preparedness* |
| DPEM | 3613 | Radiological Emergencies* |
| HP | 3413 | Cultural Competency* |
| RS | 3122 | Legal and Regulatory Environ of Radiology* |
| RS | 3142 | Advanced Imaging I* |
| RS | 3152 | Advanced Imaging II* |
| RS | 3633 | Pediatric Considerations in Radiology* |
| RS | 3733 | Geriatric Considerations in Radiology* |
| RS | 4343 | Radiologic Administrative Concepts* |
| RS | 436V | Independent Study in Radiologic Sciences* |
| RS | 4463 | Statistics for Medical Imaging* |
| RS | 4822 | Psychosocial Factors in Healthcare* |
| RS | 4852 | Adv Rad Pathophysiology I* |
| RS | 4862 | Adv Rad Pathophysiology II* |

*Distance education courses may incur additional expenses for the student. Online courses are subjected to fees determined by a third party administrator.