

■ GENERAL INFORMATION

Classes for new mammography students begin every summer semester and run for 14 consecutive months. During the 14-month program, students participate in a structured rotation sequence through affiliated mammography departments in Arkansas, Missouri, and Tennessee.

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 mammography program clinical affiliates including TB skin tests, the flu vaccine, and HEPA mask fittings.

■ EXPENSES

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

1. All students in the College of Nursing and Health Professions must purchase malpractice insurance prior to rotating through clinical sites. The annual cost of this insurance is approximately \$40.
2. The cost of textbooks will vary each semester, with a majority of the total cost occurring in the first semester of the professional program. Textbook costs for the first semester may be as much as \$350. 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 a one-time fee of approximately \$100.
7. TB mask fittings are required. The fitting is available at A-State within the first few weeks of the fall semester. This is an annual fee of approximately \$25.



Mammography/ Breast Sonography Program



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CONTACT INFORMATION

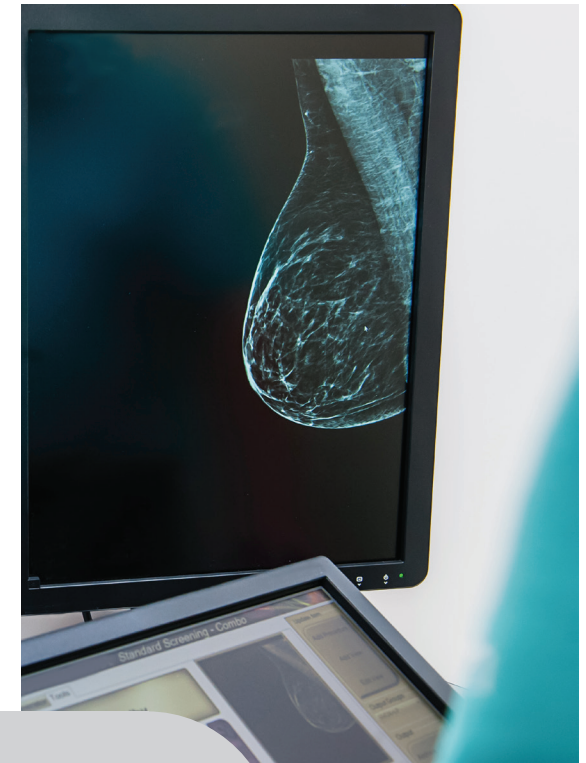
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MAMMOGRAPHY / BREAST SONOGRAPHY PROGRAM

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2/2020

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YOUR EDUCATION:
Our Mission

ARKANSAS STATE UNIVERSITY
**MAMMOGRAPHY/
 BREAST SONOGRAPHY PROGRAM**

MISSION STATEMENT

The mission of the mammography track is to prepare competent, entry-level women's health technologists able to function within the healthcare community.

PROGRAM DESCRIPTION

Completion of general education, selected coursework, radiography program courses, mammography and breast sonography specialty track coursework will lead to a Bachelor of Science in Radiologic Sciences (BSRS) degree and eligibility to sit for the American Registry of Radiologic Technologists (ARRT) certification exams in radiography, mammography, and breast sonography.



WHAT IS MAMMOGRAPHY?

Mammography obtains multiple high-resolution images to evaluate breast tissue for various abnormalities such as lesions or possible breast implant rupture. Currently, mammography is the premier modality used for the early detection of breast cancer. This modality requires technologists to be very personable and people-oriented, with an ability to empathize and alleviate fear in their patients.

WHAT IS BREAST SONOGRAPHY?

Breast sonography focuses specifically on diagnostic sonography of the breast. Using sound waves emitted and received by special transducers, technologists produce sonographic images of normal or abnormal breast tissue for interpretation by a radiologist. Students in this concentration can become certified in Breast Sonography by the ARRT.

■ GOALS

Students will be clinically competent.

Student Learning Outcomes:

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

Students will demonstrate communication skills.

Student Learning Outcomes:

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

Students will develop critical thinking skills.

Student Learning Outcomes:

- Students will adapt positioning and imaging parameters for non-routine patients.
- Students will critique images and recommend corrective action for suboptimal images.

Students will model professionalism.

Student Learning Outcomes:

- Students will demonstrate professional work ethics.
- Students will summarize the value of life-long learning.

■ SELECTIVE ADMISSION REQUIREMENTS FOR SPECIALTY TRACKS

To be eligible to apply, students must:

- Have graduated or be currently enrolled in an accredited radiography program
- Have completed prerequisite coursework

Applicants to the specialty track are selected by the Admissions Committee using the following criteria:

- 1. Cumulative grade point average**
20 points possible toward 107 maximum points
- 2. Selected course grades**
20 points possible toward 107 maximum points
- 3. Interview**
30 points possible toward 107 maximum points
- 4. Modality clinic evaluation form**
33 points possible toward 107 maximum points
- 5. A-State students**
4 points possible toward 107 maximum points

■ BSRS DEGREE HOUR SUMMARY

First-Year Making Connections course	3
General education requirements	35
Major requirements (radiology program)	51
Emphasis area requirements	31
Required support courses	4
Total hours	124



■ PROFESSIONAL CURRICULUM

Following radiography program courses, the following Mammography/ Breast Sonography specialty track coursework will be completed:

Summer		
RSU	4833	Breast Sonography
Fall		
RS	3122	Legal and Regulatory*
RS	4503	Mammography Procedures
RS	4553	Breast Imaging Clinical Education I
RSU	4213	Physics and Instrumentation I
Spring		
RS	4513	Mammography Instrumentation
RS	4563	Breast Imaging Clinical Education II
RSU	4323	Physics and Instrumentation II
Summer		
RS	3733	Geriatric Considerations*
RS	4573	Imaging in Women's Health Clinic
RS	4822	Psychosocial Factors in Healthcare

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