

## ■ GENERAL INFORMATION

Classes for new DMS students begin every summer semester and run for 18 consecutive months. During the 18-month program, students participate in a structured rotation sequence through affiliated DMS departments in Arkansas, Tennessee, 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 DMS program clinical affiliates including TB skin tests, the flu vaccine and TB mask fittings.

## ■ EXPENSES

In addition to tuition and immunization costs, DMS 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 \$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 a one-time fee of approximately \$150.
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.



# Diagnostic Medical Sonography Program



ARKANSAS STATE  
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BACHELOR OF  
SCIENCE RADIOLGIC  
SCIENCES

## CONTACT INFORMATION

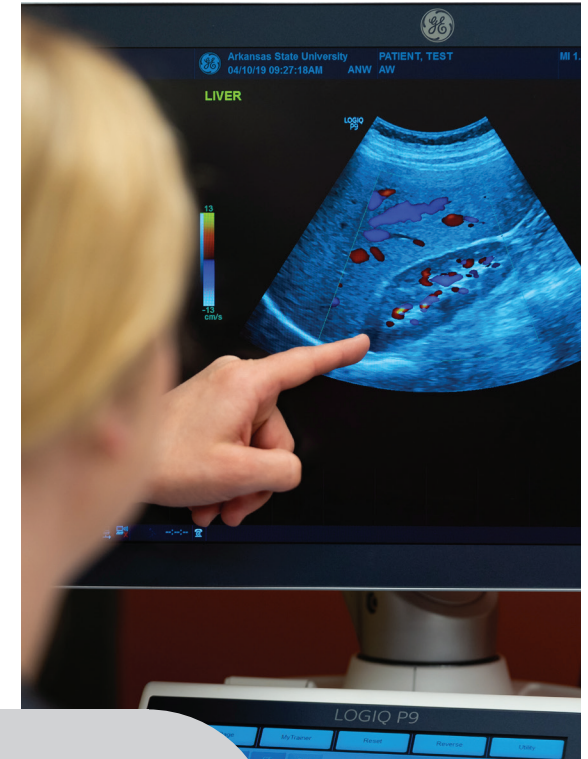
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## DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM

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College of Nursing & Health Professions  
Arkansas State University  
P.O. Box 910, State University, AR 72467

[AState.edu/CoNHP/RadSci/Degrees](http://AState.edu/CoNHP/RadSci/Degrees)

 /ArkansasState



## ACCREDITATION:

The Commission on Accreditation of Allied  
Health Education Programs (CAAHEP)  
25400 US HWY 19 North, Suite 158  
Clearwater, FL 33763  
Tel: (727) 210-2350 • Fax: (727) 210-2354  
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College of  
Nursing &  
Health Professions

2/2020

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**YOUR EDUCATION:**  
*Our Mission*

ARKANSAS STATE UNIVERSITY  
**DIAGNOSTIC MEDICAL  
 SONOGRAPHY PROGRAM**

**MISSION STATEMENT**

The mission of the Diagnostic Medical Sonography Program is to produce competent, entry-level sonographers eligible for registration by the American Registry for Diagnostic Medical Sonography in Abdominal Sonography and OB/Gyn Sonography.

**DMS PROGRAM**

Completion of general education, selected coursework, radiography program courses and DMS specialty track coursework will lead to a Bachelor of Science in Radiologic Sciences (BSRS) degree and eligibility to sit for the American Registry for Diagnostic Medical Sonography board exams.



**WHAT IS DIAGNOSTIC MEDICAL SONOGRAPHY?**

Sonographers are an elite group of medical professionals who use ultrasound technology to see the body's organs, tissues, blood vessels, and musculature. Extensive knowledge of anatomy and physiology is needed to perform the daily functions. A transducer is used to create images on a computer screen. Sonographers can specialize in many areas including abdomen, ob/gyn, vascular, cardiac, pediatrics and musculoskeletal imaging.

**■ GOALS**

**Students will be clinically competent.**

**Student Learning Outcomes:**

- Students will apply positioning skills.
- Students will select image parameters.
- Students will utilize sonography field safety measures.

**Students will demonstrate communication skills.**

**Student Learning Outcomes:**

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

**Students will develop critical thinking skills.**

**Student Learning Outcomes:**

- Students will adapt imaging parameters for non-routine patients.
- Students will critique images for diagnostic quality.

**Students will model professionalism.**

**Student Learning Outcomes:**

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

**■ SELECTIVE ADMISSION REQUIREMENTS FOR SPECIALTY TRACKS**

To be eligible to apply to the DMS specialty track, students must:

- Have graduated or be currently enrolled in an accredited radiography program
- Have completed prerequisite coursework
- Have no contraindications that would prohibit working in a sonography department.

Applicants to the DMS 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 (DMS)	44
Required support courses	4
<b>Total hours</b>	<b>137</b>



**■ PROFESSIONAL CURRICULUM**

Following Radiography Program courses, the following DMS specialty track coursework will be completed:

**Summer**

RSU 4112	Sectional Anatomy Sonography
RSU 4122	Small Parts Sonography
RSU 4132	Introduction to Sonography Lab

**Fall**

RSU 4213	Physics and Instrumentation I
RSU 4223	Abdomen Sonography
RSU 4232	Abdomen Sonography Lab
RSU 4613	Obstetric and Gynecologic Sonography I
RSU 4511	Ultrasound Clinic I

**Spring**

RSU 4622	Obstetric Sonography II
RSU 4322	Ob/Gyn Lab
RSU 4323	Physics and Instrumentation II
RSU 4652	Special Procedures in Sonography
RSU 4523	Ultrasound Clinic II

**Summer**

RSU 4534	Ultrasound Clinic III
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**Fall**

RSU 4413	Vascular Sonography
RSU 4422	Vascular Sonography Lab
RSU 4544	Ultrasound Clinic IV
RSU 4551	Sonography Clinical Relevance