



## SCHOOL MISSION STATEMENT

The mission of the **Methodist Le Bonheur Healthcare School of Radiologic and Imaging Sciences** is to educate and prepare students to graduate with the entry-level employment skills required of a radiologic technologist.

The education provided, both clinically and didactically, will prepare students to excel in the role of a radiographer. Students will also learn about providing outstanding patient care, participating actively in the profession, engaging in lifelong learning and achieving personal and professional goals.

For more information about the  
**Diagnostic Medical Sonography Program**,  
or to apply, contact:

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## Diagnostic Medical Sonography Program



## ABOUT METHODIST LE BONHEUR HEALTHCARE

Founded in 1918 by The United Methodist Church to help meet the growing need for quality healthcare in the Mid-South, Methodist Le Bonheur Healthcare has grown from one hospital into a five-hospital system that also includes a home health agency, ambulatory surgery centers, outpatient clinics and more. Methodist Le Bonheur Healthcare (MLH) is one of the largest private, not-for-profit hospitals in the country. MLH includes Le Bonheur Children's Hospital, Methodist University Hospital, Methodist South Hospital, Methodist North Hospital and Methodist Le Bonheur Germantown Hospital.

The Diagnostic Medical Sonography (DMS) Program is located at Methodist University Hospital, a 583-bed tertiary care and referral center located in the Memphis medical center.

## OUR MEDICAL STAFF

All medical specialties and most sub-specialties are represented on the Methodist medical staff. Among the comprehensive programs are neurology/neurosurgery, transplant, oncology, orthopedics, cardiology, obstetrics/gynecology, pediatrics and minimally invasive surgery.

### DMS Clinical Affiliates for General and Cardiac Sonography Programs Include:

- Methodist Le Bonheur Healthcare (hospitals and outpatient diagnostic centers)
- Memphis Vascular Center
- Methodist Cardiovascular Institute
- Regional One High Risk Obstetrics
- Maternal Fetal Medicine Group
- Methodist Imaging and Diagnostic Services
- Consolidated Medical Practices of Memphis
- The Urology Group



## PROGRAM DESCRIPTION

The Diagnostic Medical Sonography Program at Methodist University Hospital offers two programs: a Cardiac Sonography program and an accredited General Sonography program. The General Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS). The programs provide quality clinical and didactic instruction to a small group of select students in their field of choice. Students designate a field of study which allows them to focus on a particular area of interest and allows maximum development of expertise. Students choose from one of the following options:

<b>OPTION 1:</b> General Ultrasound (15 months)	Encompasses abdominal imaging (liver, gallbladder, pancreas, kidneys, etc.), superficial structures and obstetric and gynecologic imaging. Additional didactic and clinical experience is provided in vascular imaging (arteries and veins throughout the body).
<b>OPTION 2:</b> Cardiac Ultrasound (15 months)	Consists of adult echocardiography (imaging of the heart).

Upon completion of a program, the student is eligible to apply for certifying exams given by the American Registry of Diagnostic Medical Sonographers (ARDMS).

MLH Program	ARDMS Exam
<b>General</b>	SPI - Physics
	Abdomen and Superficial Structures
	Obstetrics and Gynecology
	Vascular Technology
<b>Cardiac</b>	SPI - Physics
	Adult Echocardiography

Successful completion of these examinations enables the individual to use the title “Registered Diagnostic Medical Sonographer” (RDMS), “Registered Diagnostic Cardiac Sonographer” (RDCS) and/or “Registered Vascular Technologist” (RVT).

## ADMISSION REQUIREMENTS

To have an application considered for admission for classes commencing in January of each year, applicants must:

1. Ensure an accurate and complete application form is received by this office along with a **\$50 application fee (non-refundable) by September 1.**
2. Be a graduate of a **2-year** AMA or AMA-equivalent allied health education program **that is patient care related** and hold current registry in that health care field – **OR** – have completed a **4-year** bachelor’s degree.
3. Enclose a resume describing professional employment history (including military service), professional training, volunteer experience and education (list **all schools** attended, starting with high school and including present school).
4. Document a minimum of **2.0** grade point average for each of the following prerequisite **college level classes**:
  - General Physics for the Health Sciences (no lab required) or Intro to Physics
  - Human Anatomy and Physiology I
  - Communication Skills\*
  - Medical Terminology
  - Algebra, Statistics or other Higher Mathematics course

*\* The Communication Skills requirement may be met by a variety of courses, including English, Speech or Composition.*
5. Arrange for the submission of official copies of transcripts from high school, college or other schools attended, and ensure this office receives them by **September 1.**
6. Arrange for the submission of three letters of reference, as described in the application form, and ensure this office receives them by **September 1.**
7. Meet the technical standards for performing the duties of the Diagnostic Medical Sonography profession as established by the program.
8. At time of admission, provide documentation of health insurance.
9. Participate in scheduled interviews by the admissions committee. Acceptance of students is made by the admissions committee and based on previous scholastic record, interview performance and letters of reference.
10. Pass a pre-admission background check and medical exam performed by Methodist Le Bonheur Healthcare. Applicant must be in satisfactory physical, mental and emotional health as determined by Methodist Le Bonheur Healthcare.

## HEALTH AND PHYSICAL ABILITIES

Applicants must meet the following criteria:

1. **Good Physical Health**
  - Physical stamina is required, including long periods on one’s feet, pushing and pulling equipment, lifting and positioning patients and continuous scanning (may cause strain on legs, back, shoulders and wrists).
  - Must be able to use hands for gripping and squeezing, as well as be able to sustain repetitive hand and wrist motion.
  - Must be free of communicable disease, as student may be working with sick patients and exposed to communicable diseases and infections.
2. **Communication Skills**
  - Effective communication skills are required, as sonographers must interact with patients and their families, clinicians and peers in a variety of situations.
  - Must have ability to read, write and communicate, both orally and written, to other individuals.
  - Must have normal vision, including subtle delineation of gray shades and color vision.
  - Must have normal hearing in order to remain alert to audible signs of patient distress, equipment malfunction and safety hazard warning techniques.
3. **Technical Aptitude**

Must have:

  - Ability to conceptualize images in three-dimensional form
  - Good hand-eye coordination
4. **Emotional Stability**

Must have:

  - Ability to deal compassionately with patients in times of stress or crisis
  - Ability to remain calm and flexible during disruption of routine

## FINANCIAL REQUIREMENTS

- Application fee – **\$50** (sent with application, non-refundable)
- Tuition
  - 15-month General Program – **\$13,000** (\$785.71/month)
  - 15-month Cardiac Program – **\$13,000** (\$785.71/month)
  - **\$2,000** is required on first day of school, with remaining tuition balance of **\$11,000** to be paid monthly and in full by graduation. Tuition may be paid by credit card, personal check, cash and/or money order.

- Books – **\$400-\$700** (approximately)  
Student is responsible for ordering books before the class start date.
- Trajecsys Fee – **\$150** (pay by credit card to Trajecsys)
- Lab/Technology Fee – **\$300** (nonrefundable and payable first day of class)
- Malpractice Insurance – **\$20**
- Parking Fee – Some clinical rotations may require a parking fee, which will be the sole responsibility of the student.

## ADMISSIONS PROCEDURES

All applicants who meet the admission requirements are granted an interview with the admissions committee. Enrollment is limited; therefore, the following criteria are considered in the evaluation of all applicants:

- Overall GPA
- Completed prerequisite coursework GPA
- Reference scores
- Interviews

After all interviews are conducted, these scores are calculated and all applicants are notified accordingly.

In compliance with federal law, including the provisions of Title IX of the Education Amendment of 1972, sections 5053 and 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Methodist Le Bonheur Healthcare’s Diagnostic Medical Sonography Program does not discriminate on the basis of race, sex, religion, color, national or ethnic origin, age, disability or military service in its administration of educational policies, programs or activities.

