

# DIAGNOSTIC MEDICAL SONOGRAPHY

Degree Type: **Associate Degree**



**Diagnostic Medical Sonographers work with sophisticated ultrasound technology to create detailed internal images of the human body and assist physicians throughout various medical specialties in making diagnoses. Sonographers are in high demand throughout the US, and the Bureau of Labor Statistics projects that by 2024, employment in the field will increase by 26%, far above the national average.**

**Monroe's program in Diagnostic Medical Sonography will provide students with knowledge and understanding of anatomy, physiology and the different sonography specialties, as well as the opportunity to train directly with health professionals. Students will understand the ethical, legal and regulatory standards of diagnostic medical sonography, and will be able to expertly and safely employ and interpret sonographic imaging to assist in diagnosis. Students will also learn to effectively communicate with patients, colleagues, and healthcare professionals and have the option to sit for the national certification examination.**

**Day and evening classes are available; however, the required clinical externships are only available during the day.**

## **DID YOU KNOW?**

- + Monroe's School of Allied Health Professions offers eligible students the opportunity to travel during their spring break to provide medical assistance and education to impoverished communities.
- + Monroe's School of Allied Health Professions provides hands-on learning in a state-of-the-art clinical lab that simulates a real-world healthcare setting.
- + US News and World Report ranks Diagnostic Medical Sonographer as #4 in "Best Health Care Support Jobs."

## **POPULAR CAREER PATHS**

Graduates of Monroe's Associate Degree in Diagnostic Medical Sonography will be qualified for employment as a sonographer in the following venues:

- + **State, Local, and Private Hospitals**
- + **Physicians' Offices**
- + **Medical and Diagnostic Laboratories**

TL: 0.1 9L-D  
 TR: 0.1 OB  
 MI: 0.9 10.0cm / 1.4  
 25Hz  
 Routine HD  
 Har-Aur  
 Sm -S  
 C6 / M7  
 PPB / S2  
 SRS 3 / CR 1

**MONROE COLLEGE IS  
 ONE OF THE BEST GIFTS  
 I HAVE EVER RECEIVED.  
 THE PROFESSORS  
 NURTURED ME TO  
 BECOME A GREAT  
 PERSON AND ALSO  
 PROFESSIONAL AT  
 MY WORK.**

**Amanfo Ankomah, RVS**

*Associate in Diagnostic Medical Sonography*

*Bachelor's in Health Services Administration*

*Vascular Technologist at Mount Sinai South Nassau Community*



## ASSOCIATE DEGREE (DAYTIME)

1ST YEAR			2ND YEAR	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
Introduction to Patient Care & Sonography	Abdominal Sonography I	Abdominal Sonography II	Vascular Imaging I	Vascular Imaging II
Introduction to Physics	OB/GYN Sonography I	OB/GYN Sonography II	Echocardiography I	Echocardiography II
Human Anatomy & Physiology I	Human Anatomy & Physiology II	Clinical Externship I	Clinical Externship II	Clinical Externship III
Human Anatomy & Physiology I Lab	Human Anatomy & Physiology II Lab	Pathophysiology	Introduction to Psychology	Fundamentals of Communication
College Writing & Critical Analysis	Sonography Physics and Instrumentation			
Quantitative Reasoning	Medical Terminology			

## ASSOCIATE DEGREE (EVENING)

1ST YEAR			2ND YEAR		
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Introduction to Patient Care & Sonography	Abdominal Sonography I	Abdominal Sonography II	Vascular Imaging II	Echocardiography I	Echocardiography II
Introduction to Physics	Human Anatomy & Physiology II	OB/GYN Sonography I	OB/GYN Sonography II	Clinical Externship II	Clinical Externship III
Human Anatomy & Physiology I	Human Anatomy & Physiology II Lab	Pathophysiology	Clinical Externship I	Introduction to Psychology	Fundamentals of Communication
Human Anatomy & Physiology I Lab	Sonography Physics and Instrumentation	Vascular Imaging I			
Quantitative Reasoning	Medical Terminology				
College Writing & Critical Analysis					