

DIAGNOSTIC MEDICAL SONOGRAPHY

CARDIOVASCULAR TRACK

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 employment in the field to keep growing far faster than the national average.

Monroe's **Cardiovascular Track** in Diagnostic Medical Sonography provides students with a strong foundation in anatomy, physiology, and sonographic physics, together with focused training in echocardiography, and vascular imaging. Students train directly with health professionals, learn the ethical, legal, and regulatory standards of diagnostic medical sonography, and gain the clinical experience to safely acquire and interpret sonographic images that assist in the diagnosis of cardiac and vascular conditions. Graduates are also prepared to communicate effectively with patients, colleagues, and healthcare professionals, and have the option to sit for the national certification examination.

POPULAR CAREER PATHS

Graduates of Monroe's Associate Degree in Diagnostic Medical Sonography — Cardiovascular Track will be qualified for employment as a cardiovascular or vascular sonographer in the following venues:

- + **State, Local, and Private Hospitals**
- + **Cardiology & Vascular Practices**
- + **Medical and Diagnostic Laboratories**

The DMS program is a full-time day program.

MONROEUNIVERSITY

MONROE 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)

Cardiovascular Track — Course Progression

1ST YEAR			2ND YEAR	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
- Intro to Patient Care & Sonography - Introduction to Physics - Medical Terminology - A&P I + Lab - Quantitative Reasoning	- Sono Physics & Instrumentation - Echocardiography I - Vascular I - A&P II + Lab - College Writing & Critical Analysis	- Echocardiography II - Vascular II - Clinical Education I - Pathophysiology	- Clinical Education II - General Sonography for CV Sonographers I - Cardiovascular I-Advanced Topics - Introduction to Psychology	- Clinical Education III - General Sonography for CV Sonographers II - Cardiovascular II-Advanced Topics - Fundamentals of Communication