The Associate of applied science degree in diagnostic medical sonography is designed to prepare students to use ultrasound as a medical procedure to view internal organs for diagnostic purposes. Unlike x-rays, ultrasound is radiation free; it uses high frequency sound waves to produce images of the internal organs. The program provides training and scanning instruction in abdominal, gynecological, obstetrical, superficial structures, and introduction to non-invasive vascular imaging.

Professionals performing these examinations are known as sonographers. Upon completion of this LSCS program, graduates may apply to take the credentialing exam to become a registered sonographer for the abdomen and gynecological/obstetrics specialties.

FOR MORE INFORMATION:

Allied Health Assistant
281.290.3275
or
Jeremi Martin
832.482.1016
Jeremi.L.Martin@LoneStar.edu

Median Wage: $68,239

Sonography Non-Invasive Vascular Technology Advanced Technical Certificate
Available at LSC-CyFair
LoneStar.edu/Sonography-Non-Invasive-Vascular-Certificate

For diagnostic medical sonography pre-admission and admission requirements check out the latest information:
LoneStar.edu/Diagnostic-Medi-Sonography

Diagnostic Medical Sonography AAS

Prerequisites
14 Credits

AAS Degree
60 Credits

Advanced Technical Certificate
16 Credits

Corporate College

Prerequisites: AAS in General Sonography or Echocardiography Required

Prerequisites:

14 Credits

College Algebra
Composition and Rhetoric I
Elementary Physics
Intro to Anatomy and Physiology

Sonographic Crosssectional Anatomy
Sonographic Pathophysiology
Basic Ultrasound Physics
Clinical - Diagnostic Medical Sonography Technician
Intermediate Ultrasound Physics
Sonography of Obstetrics/Gynecology
Practicum I
Sonography of Superficial Structures
Principles of Sociology

Doppler Physics
Sonography of High Risk Obstetrics
Practicum II
Advanced Sonography
Vascular Technology Applications
Creative Arts/Language, Philosophy & Culture
Advanced Ultrasound Review
Practicum III

Practicum I - Diagnostic Medical Sonography & Ultrasound Tech

Non-Invasive Cerebral Vascular Evaluation
Non-Invasive Peripheral Vascular Evaluation
Practicum II - Medical Sonography & Ultrasound Tech
Advanced Non-Invasive Vascular Technology

Professional development opportunities are available for additional training and licensure.

Representative career titles and job positions for this program plan include:

- Ultrasonographer
- Ultrasound Technician (Ultrasound Tech)
- Cardiac Sonographer

\(^1\)Median Wage: $68,239


\(^3\)Position titles vary by employer and location.

Complete your Diagnostic Medical Sonography AAS in 2 years!

For more information on gainful employment, visit LoneStar.edu/GainfulEmployment.

LoneStar.edu/Diagnostic-Medical-Sonography-AAS