

DIAGNOSTIC MEDICAL SONOGRAPHY AAS



A Program Overview of the Health Sciences Area of Study

Updated as of May 2018



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. 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:

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Programs At-A-Glance

Diagnostic Medical Sonography AAS

Available at LSC-CyFair

LoneStar.edu/Diagnostic-Medical-Sonography-AAS

Median Wage: \$69,915

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

¹Wage Data is based on annual salaries from Bureau of Labor Statistics, U.S. Department of Labor, Occupational Employment Statistics, 2016 , www.bls.gov/oes.

DIAGNOSTIC MEDICAL SONOGRAPHY AAS



Prerequisites
14 Credits

AAS Degree
60 Credits

Advanced Technical Certificate
16 Credits

Corporate College

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

Prerequisites: AAS in General Sonography or Echocardiography Required
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 Sonographer²**

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²Position 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.