



# Diagnostic Medical Sonography\*

**AAS (60 SCH\*)**

**\*Semester Credit Hour**

5/2024

\* Pending CAAHEP approval.

## Prerequisites- 18 SCH

MATH 1314 - College Algebra  
BIOL 2401 - Anatomy & Physiology I  
BIOL 2402 - Anatomy & Physiology II  
PHYS 1405 - Elementary Physics I  
ENGL 1301 - Composition I

## First Semester - 12 SCH

DMSO 1110 - Introduction to Sonography  
DMSO 1260 - Clinical - Diagnostic Medical Sonography/  
Sonographer & Ultrasound Technician  
DMSO 1302 - Basic Ultrasound Physics  
DMSO 1341 - Abdominopelvic Sonography  
PSYC 2314 - Lifespan Growth and Development

## Second Semester - 11 SCH

DMSO 2305 - Sonography of Obstetrics/Gynecology  
DMSO 1261 - Clinical - Diagnostic Medical Sonography/  
Sonographer & Ultrasound Technician  
DMSO 2351 - Doppler Physics  
DMSO 2353 - Sonography of Superficial Structures

## Third Semester - 12 SCH

DMSO 2362 - Clinical - Diagnostic Medical Sonography/  
Sonographer & Ultrasound Technician  
DMSO 1342 - Intermediate Ultrasound Physics  
DMSO 2342 - Sonography of High Risk Obstetrics  
DMSO 2341 - Sonography of Abdominopelvic Pathology

## Fourth Semester - 7 SCH

DMSO 2366 - Clinical - Diagnostic Medical Sonography/  
Sonographer & Ultrasound Technician  
DMSO 2130 - Advanced Ultrasound and Review  
MUSI 1306 - Music Appreciation

## Marketable Skills

- Communication
- Critical Thinking
- Personal Responsibilities
- Teamwork
- Time Management
- Lifelong Learner
- Detail Oriented
- Interpersonal Skills
- Physical Stamina

## Program Outcomes

- Apply effective oral, visual, and written communication skills.
- Demonstrate knowledge and understanding of human sectional anatomy relative to normal and abnormal sonographic imaging.
- Apply ultrasound principles and instrumentation relative to imaging and image quality.
- Demonstrate appropriate ergonomic scanning applications.
- Demonstrate the ability to provide patient care while following ethical standards, HIPPA guidelines, and maintaining professionalism.
- Recognize and use resources to enhance self-development and professional growth.

## High School Endorsements

Public Service

## Expected Salary

**Texas wage data:** workers on average earn \$77,318; 10% of workers earn \$60,819 or less; 10% of workers earn \$99,414 or more.

## Additional Educational Opportunities

May pursue a Bachelor's Degree in ultrasound.

## Career Opportunities

Hospitals; Physician Offices; Outpatient Care Centers; and Medical and Diagnostic Laboratories.