



Diagnostic Medical Sonography*

AAS (60 SCH*)

*Semester Credit Hour

7/2023

* 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 - 14 SCH

DMSO 2305 - Sonography of Obstetrics/Gynecology
DMSO 1261 - Clinical - Diagnostic Medical Sonography/
Sonographer & Ultrasound Technician
DMSO 2351 - Doppler Physics
MUSI 1306 - Music Appreciation
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 - 4 SCH

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

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.