



# Diagnostic Medical Sonography Associate of Applied Science

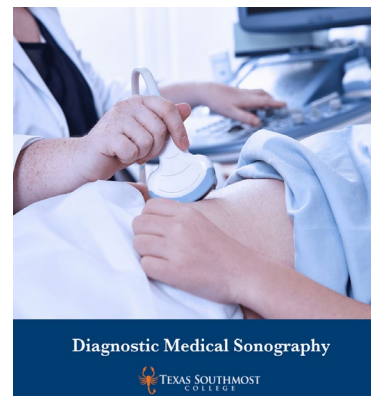
AAS.DMSO  
2023-2024

Texas Southmost College  
Division of Health Professions

Diagnostic Medical Sonographers will be versatile in general sonography, which includes abdominal, small parts, and OB-GYN studies. You will be marketable as you may fully and independently function in both hospitals and private clinic settings. Additionally, with your cursory understanding of ultrasound physics, you may continue to specialize in the other modality areas in sonography, such as nuchal translucency, fetal and adult echocardiography, and vascular.

## Recommended Course Sequence

PREREQUISITES	Credits
BIOL 2301 Anatomy & Physiology I (lecture)	3
BIOL 2302 Anatomy & Physiology II	3
MATH 1314* College Algebra	3
ENGL 1301* Composition I	3
PHYS 1305* Elementary Physics	3
FIRST YEAR – FALL SEMESTER	Credits
DMSO 1302* Basic Ultrasound Physics	3
DMSO 2253* Sonography of Superficial Structures	2
DMSO 1441* Abdominopelvic Sonography	4
DMSO 2405* Sonography of Obstetrics/Gynecology	4
FIRST YEAR – SPRING SEMESTER	Credits
DMSO 1360* Clinical I - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	3
DMSO 2441* Sonography of Abdominopelvic Pathology	4
DMSO 2342* Advanced Obstetric Sonography	3
DMSO 1342* Intermediate Ultrasound Physics	3
SUMMER I SEMESTER	Credits
DMSO 1161* Clinical II - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	1
PSYC 2301 General Psychology	3
SUMMER II SEMESTER	Credits
DMSO 2160* Clinical III - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	1
SECOND YEAR - FALL SEMESTER	Credits
DMSO 2361* Clinical IV - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	3
DMSO 2451* Doppler Physics	4
SECOND YEAR - SPRING SEMESTER	Credits
DMSO 2245* Advanced Sonography Practices	<u>2</u>
DMSO 2343* Advanced Ultrasound Physics	<u>3</u>
XXXX X3XX† Language, Philosophy & Culture/Creative Arts Elective	<u>3</u>
<b>Total Credit Hours for Graduation</b>	<b>60</b>



This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation.

Check course core designation at the [Class Availability website](#).

## Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

Program Learning Outcomes:

1. Graduates will be able to perform entry-level scanning skills.
2. Graduates will be able to select proper scanning protocols.
3. Graduates will be able to apply proper patient care in the clinical setting.

\*Grade of "C" or better is required for graduation.

†Students may take any course within this category of the TSC General Education Core Curriculum.