

## Diagnostic Medical Sonography Associate of Applied Science

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.

<b>PREREQUISITES</b>	<b>CREDIT HOURS</b>
BIOL 2301 Anatomy & Physiology I.....	3
BIOL 2302 Anatomy & Physiology II .....	3
MATH 1314 <sup>+</sup> College Algebra .....	3
ENGL 1301 <sup>+</sup> Composition I.....	3
PHYS 1305 <sup>+</sup> Elementary Physics.....	3

### **FIRST YEAR - FALL SEMESTER**

DMSO 1302 <sup>+</sup> Basic Ultrasound Physics.....	3
DMSO 2253 <sup>+</sup> Sonography of Superficial Structures .....	2
DMSO 1441 <sup>+</sup> Abdominopelvic Sonography .....	4
DMSO 2405 <sup>+</sup> Sonography of Obstetrics/Gynecology .....	4

### **FIRST YEAR - SPRING SEMESTER**

DMSO 1360 <sup>+</sup> Clinical I - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician .....	3
DMSO 2441 <sup>+</sup> Sonography of Abdominopelvic Pathology .....	4
DMSO 2342 <sup>+</sup> Sonography of High Risk Obstetrics .....	3
DMSO 1342 <sup>+</sup> Intermediate Ultrasound Physics .....	3

### **SUMMER I SEMESTER**

DMSO 1161 <sup>+</sup> Clinical II - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician .....	1
PSYC 2301 General Psychology .....	3

### **SUMMER II SEMESTER**

DMSO 2160 <sup>+</sup> Clinical III - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician.....	1
--	---

### **SECOND YEAR - FALL SEMESTER**

DMSO 2361 <sup>+</sup> Clinical IV - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician .....	3
DMSO 2451 <sup>+</sup> Doppler Physics .....	4

### **SECOND YEAR - SPRING SEMESTER**

DMSO 2245 <sup>+</sup> Advanced Sonography Practices.....	2
DMSO 2343 <sup>+</sup> Advanced Ultrasound Principles and Instrumentation .....	3
XXXX X3XX <sup>1</sup> Language, Philosophy & Culture/Creative Arts Elective.....	3

### **TOTAL CREDIT HOURS FOR GRADUATION - 60**

<sup>+</sup> Grade of "C" or better is required for graduation.

<sup>1</sup>Students may take any course within this category of the TSC General Education Core Curriculum.