



AAS Diagnostic Medical Sonography – Cardiac Track

Guided Pathway

Effective beginning with the 2023-2024 catalog

First Year - Collin College

Pre Program Requirements	
BIOL 2401 Anatomy and Physiology I	
BIOL 2402 Anatomy and Physiology II	
DMSO 1210 Introduction to Sonography	
ENGL 1301 Composition I	
Mathematics (see list below)	
PHYS 1405 Conceptual Physics ¹	
20 credit hours	
FIRST SEMESTER	SECOND SEMESTER
DSAE 1303 Introduction to Echocardiography	DMSO 1202 Basic Ultrasound Physics
DSAE 1340 Diagnostic Electrocardiography	DMSO 2243 Advanced Ultrasound Physics
DSAE 2303 Cardiovascular Concepts	DSAE 2304 Echocardiographic Evaluation of Pathology I
Social/Behavioral Science course (see list below)	DSPE 1200 Introduction to Pediatric Echocardiography Techniques
	DSVT 1300 Principles of Vascular Technology
12 credit hours	12 credit hours
THIRD SEMESTER	
DMSO 1167 Practicum 1 Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	
DSAE 2235 Advanced Echocardiography	
DSAE 2337 Echocardiographic Evaluation of Pathology II	
DSVT 2200 Vascular Technology Applications	
8 credit hours	

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
DMSO 1466 Practicum 2 - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	DMSO 1366 Practicum 3 - Diagnostic Medical Sonography/Sonographer & Ultrasound Technician
Humanities/Fine Arts course (see list below)	DSAE 2355 Echocardiography Professionalism and Registry Review (Capstone)
7 credit hours	6 credit hours

AAS: Diagnostic Medical Sonography

Contact your advisor at Collin College for information about applying for your associate degree.

^c Core Curriculum transferable to any public college or university in Texas.

1. May substitute PHYS 1401 or PHYS 2425

Collin Options:

MATH 1314, 1316, 1324, 1325, 1332*, 1342, 1350, 1351, 2320, 2412, 2413, 2414, 2415

* Check with academic advising regarding degree applicability. Some majors or institutions may require a higher-level mathematics course.

Humanities/Fine Arts – choose one from: **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2341, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **MUSI** 1306, 1307, 1310, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321.

Social/Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 1301, 2301, 2302, **GOVT** 2305, 2306, **HIST** 1301, 1302, 2301, **PSYC** 2301, **SOCI** 1301, 1306.