

# GUIDED PATHWAY: DIAGNOSTIC MEDICAL SONOGRAPHY A.A.S.

## HEALTH SCIENCES CAREER PATH



For more information, visit the [Dallas College Diagnostic Medical Sonography webpage](http://www.dcccd.edu/sonography) [www.dcccd.edu/sonography] and your academic advisor at the El Centro Campus.

This is an example course sequence for students interested in pursuing Diagnostic Medical Sonography. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (A.A.S.) degree in Diagnostic Medical Sonography. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. See catalog for [official degree requirements](#).

The Diagnostic Medical Sonography program is a two-year A.A.S. degree program with a [competitive admissions process](#). The Diagnostic Medical Sonographer performs sonography examinations using high frequency sound waves to visualize soft tissue structures, including the gall bladder, kidneys, pregnant uterus and other organs as requested by the physician. The Diagnostic Medical Sonographer may work in hospitals, clinics and physicians' offices. Courses that complete the degree are noted below.

Visit [www.ntxccc.org/pathways](http://www.ntxccc.org/pathways) to view guided pathways created for students who complete an A.A.S. degree and the options for transfer to complete a Bachelor of Applied Arts and Science. Speak with an academic advisor at your campus to choose courses that will help you to transfer to a specific university.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Associate of Applied Science	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
<a href="#">TSI</a>	Must be Complete	

## SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official degree requirements](#).

### AAS DEGREE MINIMUM: 65 SEMESTER CREDIT HOURS

## PROGRAM SPECIFIC REQUIREMENTS

Completion of one of the following:

1. Completion of six Health Professions Readiness courses that satisfy the Health Professions Readiness I & II Skills Achievement Awards
2. Two years' employment as a healthcare worker within a medical related laboratory **AND** Direct patient care experience within the last 5 years
3. Current credential in a healthcare profession (e.g., RN, Medical Assisting, Radiography, Paramedic, LVN, etc.)

*Exemptions/waivers may exist.*

## PREREQUISITE SEMESTER 1

**Total Hours: 10**

[ENGL 1301](#) – Composition I *This is a Core course. Must earn A grade of "C" or better.*

[MATH 1314](#) – College Algebra *This is a Core course. Must earn A grade of "C" or better.*

[BIOL 2401](#) – Anatomy and Physiology I *This is a Core course. Prior to registration you must earn A grade of "C" or better in BIOL 1406.*

### PREREQUISITE SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.

**PREREQUISITE SEMESTER 2****Total Hours: 9**

[BIOL 2402](#) – Anatomy and Physiology II *This is a Core course. Prior to registration you must earn a grade of "C" or better in BIOL 2401.*

[SCIT 1420](#) – Physics for Allied Health *PHYS 1401 may be substituted for SCIT 1420*

[DMSO 1110](#) – Introduction to Sonography

**PREREQUISITE SEMESTER 2 ACTION ITEMS**

1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career path and program of study.

**SEMESTER 1****Total Hours: 4**

[DMSO 2343](#) – Advanced Ultrasound Physics

[DMSO 1101](#) – Techniques of Medical Sonography

**SEMESTER 1 ACTION ITEMS**

1. Meet with the clinical coordinator regarding placement for the Practicum course.

**SEMESTER 2****Total Hours: 10**

[DMSO 1441](#) – Abdominopelvic Sonography

[DMSO 1355](#) – Sonographic Pathophysiology

[DMSO 1366](#) – Practicum (or Field Experience)-Diagnostic Medical Sonography

**SEMESTER 2 ACTION ITEMS**

1. Meet with the clinical coordinator regarding placement for the Practicum course.

**SEMESTER 3****Total Hours: 13**

[PSYC 2301](#) – General Psychology *This is a Core course.*

[DMSO 2405](#) – Sonography of Obstetrics/Gynecology

[DMSO 2341](#) – Sonography of Abdominopelvic Pathology

[DMSO 1367](#) – Practicum (or Field Experience)-Diagnostic Medical Sonography

**SEMESTER 3 ACTION ITEMS**

1. Meet with the clinical coordinator regarding placement for the Practicum course.

**SEMESTER 4****Total Hours: 7**

[DMSO 2253](#) – Sonography of Superficial Structures

[DSVT 1200](#) – Principles of Vascular Technology

[DMSO 2366](#) – Practicum (or Field Experience)-Diagnostic Medical Sonography

**SEMESTER 4 ACTION ITEMS**

1. Meet with the clinical coordinator regarding placement for the Practicum course.
2. Meet with a career advisor or coach for assistance in preparing for job search, if needed.

**SEMESTER 5****Total Hours: 12**

[SPCH 1311](#) – Introduction to Speech Communication\* *This is a Core course.*

[HUMANITIES/FINE ARTS ELECTIVE\\*](#) *This is a Core course.*

[DMSO 2130](#) – Advanced Ultrasound and Review

[DSVT 2200](#) – Vascular Technology Applications

[DSVT 2367](#) – Practicum (or Field Experience)-Diagnostic Medical Sonography

\* There are several options to fulfill this requirement. See the Health Occupations Admissions Office for a specific list.

**SEMESTER 5 ACTION ITEMS**

1. After reviewing your degree plan and program of study, meet with the Health Occupations Admissions Office to apply for the Diagnostic Medical Sonography A.A.S.
2. Sign up for commencement.
3. Join the [Alumni Network!](#)

**PATHWAY TOTAL: 65 SEMESTER CREDIT HOURS**