



# Diagnostic Medical Sonography Program (Abdomen-Extended and Obstetrics & Gynecology Track) Information Packet

<http://www.collin.edu/department/sonography/>

## About Our Program

Collin College's Diagnostic Medical Sonography (DMS) Program prepares individuals for a challenging and rewarding career in general sonography. Through a 19-month rigorous integrated didactic and clinical program, graduates are equipped with the skills and knowledge required to enter the workforce as an entry-level sonographer. Collin's DMS curriculum provides students with knowledge in multiple areas of sonography, including abdomen, OBGYN, superficial structures, MSK, pediatrics, and vascular.

Information regarding the profession of sonography can be found at the following websites:

- [Society of Diagnostic Medical Sonography](#)
- [American Registry for Diagnostic Medical Sonography](#)
- [American Institute of Ultrasound in Medicine](#)

## Career Opportunities

Diagnostic medical sonographers can work in hospitals, outpatient imaging facilities, private practices, mobile services, and contract positions. Opportunities outside of patient care include equipment applications, sales, education, and research.

## Associate of Applied Science Prerequisites

**The following prerequisites for the Associate of Applied Science in Diagnostic Medical Sonography must be completed by or within the semester of application submission (Fall).**

1. Human Anatomy and Physiology I (BIOL 2401) with a minimum grade "C." This has to be completed within 5 years of the application semester.
2. Human Anatomy and Physiology II (BIOL 2402) with a minimum grade "C." This has to be completed within 5 years of the application semester.
3. English Composition 1 (ENGL 1301) with a minimum grade "C."

4. College Algebra (Math 1314)\* with a minimum grade "C."
5. Conceptual Physics (PHYS 1405)\* with a minimum grade "C."
6. Introduction to Sonography (DMSO 1210) with a minimum grade "C."

\*May substitute approved courses for Math 1314 and PHYS 1405. Please see the curriculum crosswalk for information.

Please schedule a visit with an Academic Advisor for questions regarding prerequisite and transfer credits. Each campus has Academic Advisors who can help answer your questions. Phone numbers are:

- 972-881-5782 for the Plano (Spring Creek) Campus
- 972-548-6782 for the McKinney (Central Park) Campus
- 972-377-1779 for the Frisco (Preston Ridge) Campus.

## Admission Requirements

Listed below are both College and Diagnostic Medical Sonography Program Admission Requirements.

### ➤ *College Admissions requirements:*

Apply for admission to Collin College and submit official transcripts from high school and/or all colleges attended to the Admissions Office at any of the campuses. (Please check with the Admissions Office for specific requirements.) Complete the Collin College reading, writing, and mathematics assessments. Please consult with Academic Advisor before taking assessment tests.

Students cannot register for program courses without having been admitted to the program. Registration for program courses is by permission only.

**Acceptance into the Diagnostic Medical Sonography Program is selective based on the completion of the following procedures:**

- Submit a **Diagnostic Medical Sonography Program Application** ) and copies of all college transcripts of courses not completed or transferred to Collin via email to [MLChambers@collin.edu](mailto:MLChambers@collin.edu) **no later than November 1st. The Diagnostic Medical Sonography Program must receive all required documents before the deadline for an application to be evaluated.**
- Become informed about DMS and the program:

**Informed applicants make better candidates**, and in an effort to inform the candidate, the DMS Program strongly suggests that each applicant participates in a DMS Information Session held periodically at Collin College campuses. College Academic Advisors can provide dates for these sessions. You may also visit the program website at [www.collin.edu/departments/sonography/](http://www.collin.edu/departments/sonography/) for current information.

- For more information, contact the DMS Director at 214-491-6250.
- Attend a program interview. Interviews are by **invitation only** and scheduled after the application deadline.

**See the Selective Admission Scoring section on the program website for current application scoring criteria.**

#### *Notification of Acceptance*

Applicants are selected based on the selective scoring criteria, **which includes an interview**. The DMS Director will send a letter of acceptance to the chosen applicants via electronic mail as soon as the decision is made. The selected applicants must then notify the program of their intention to join. They also must return a completed medical questionnaire and other requested documents. **It is important that the vaccinations, particularly the Hepatitis-B vaccination, be started prior to starting the program in order to be able to complete the series before clinical rotations begin** (see the “Immunization Records” section below). All applicants joining the program must attend the scheduled Diagnostic Medical Sonography student orientation. **Proof of vaccinations must be provided one week prior to orientation.**

## **Other Special Requirements/ Information**

### **Core Performance Standards**

Please refer to the DMS Department’s “**Functional Abilities/Core Performance Standards**” worksheet for a complete list of generally accepted skills that a sonographer must possess to function safely and effectively in various clinical settings. If a student is unable to meet any one of the core performance standards listed in the Functional Abilities/Core Performance Standards worksheet, the student must identify all reasonable accommodations required to meet the standards outlined. In some cases, accommodations may be formulated or recommended by the Access Office (Disability Services) by contacting them at 972-548-6816. (Please also see the information for the Access Office in the Collin College catalog.) Requested accommodations will then be presented to the Diagnostic Medical Sonography Director to assess the reasonableness of the accommodation.

Collin College complies with the Americans with Disabilities Act by providing reasonable accommodations for students with documented disabilities. Students with disabilities are encouraged to make an appointment with an Access Advisor **prior to applying to the DMS program** to allow for evaluation.

### **Drug Test**

Due to clinical rotations with patients, all students will be drug tested before starting the first semester and then again before each clinical rotation. Please contact the DMS Director for more information on testing policies and procedures.

### **Criminal Background Check**

A criminal background check will be required of all students prior to entering the DMS Program

and may be required again before a new clinical rotation. For more information, please contact DMS Director.

### **Personal Health Insurance**

Students are **required** to carry personal health insurance while in the clinical portion of the DMS Program. Proof of such insurance must be made available to the Program Coordinator before clinical rotations (3<sup>rd</sup> semester). Students should know that eligibility for health insurance on their parent or guardian's health insurance may require the student to be a full-time enrolled student. Collin College defines the number of semester credit hours in which a student must be enrolled to be considered full-time. Students should check with the college Admissions and Records Office to see if they qualify as full-time students. (Proof of health insurance is not required at the time of application OR before the start of the program).

### **Immunization Records**

Students are required to provide the necessary documents proving that they have completed all immunization requirements:

- Tetanus/Diphtheria/Pertussis: One dose within the last ten years.
- MMR (Mumps, measles, rubella): All students must have **2 MMR vaccinations** prior to beginning the clinical rotation. **A titer showing immunity is required.**
- Hepatitis A vaccination is strongly recommended (there is a Hepatitis A/B Combination vaccine available).
- **Hepatitis B vaccination is required:** Vaccination consists of a three-dose series over six to seven months. **The series must be started prior to orientation.**
  - **Students cannot attend clinical rotations without completion of their immunizations. Failure to meet deadlines may result in dismissal from the program.**
- Annual TB blood test (IGRA) with follow-up x-ray documentation for positive results. (TB skin tests are not accepted)
- Annual Flu vaccination(s)
- Varicella virus (Chickenpox):
  - Current titer showing immunity
  - Record of 2 doses of varicella vaccination
- Bacterial Meningitis vaccination (Applicants who are older than 22 years of age on the first day of class are exempt.)

Clinical partners may require the Covid-19 vaccination for clinical placement.

# Program Coursework for AAS in Diagnostic Medical Sonography

65 credit hours

## Prerequisites

BIOL	2401	Anatomy and Physiology I
BIOL	2402	Anatomy and Physiology II
DMSO	1210	Introduction to Sonography
ENGL	1301	Composition I
MATH	1314	College Algebra*
PHYS	1405	Conceptual Physics*

## FIRST YEAR

### First Semester (Spring)

DMSO	1202	Basic Ultrasound Physics
DMSO	1441	Abdominopelvic Sonography
DMSO	1455	Sonographic Pathophysiology
DMSO	2353	Sonography of Superficial Structures
PSYC	<u>2301</u>	<u>General Psychology</u>

(See [Social / Behavioral Sciences](#) options)

### Second Semester (Summer)

DMSO	2243	Advanced Ultrasound Physics
DMSO	2405	Sonography of Obstetrics/Gynecology
DSVT	1300	Principles of Vascular Technology

## SECOND YEAR

### First Semester (Fall)

DMSO	1167	Practicum 1 - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
DMSO	1201	Techniques of Medical Sonography
DMSO	2342	Sonography of High Risk Obstetrics
DSVT	2200	Vascular Technology Applications

### Second Semester (Spring)

DMSO	1466	Practicum 2 - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
<u>GEN ED</u>		<u>Humanities / Fine Arts</u> course

### Third Semester (Summer)

DMSO	1366	Practicum 3 - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
DMSO	2230	Advanced Ultrasound and Review

**\*Course substitutes are allowed. Please see advisor for option.**

The student is required to receive a grade of "C" or better in all general academic coursework. The minimum grade required in all DMS courses is 75% or more in order for students to progress in the program.

## **Class Times**

**Please note:** The exact time schedule for the DMS program differs each semester and is subject to change.

### **Spring Semester First Year**

Tuesday 0900-1700  
Wednesday 0830-1600  
Thursday 0830-1800

### **Summer Semester First Year**

Tuesday 0900-1730  
Wednesday 1000-1600  
Thursday 0900-1200

### **Fall Semester First Year**

Tuesdays 0800-1600  
Wednesday 1000-1600  
Thursdays 1000-1600  
8 hours a week in clinical, TBD

### **Spring Semester Second Year**

40 hours in clinical, TBD

### **Summer Semester Second Year**

32 hours in clinical, TBD  
2 hours on campus, TBD

***These times are tentative and are subject to change. Students should check the semester schedule online for current times and days.***

## COLLIN COLLEGE DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM COSTS

<i>Estimated Costs*</i>	<b>Spring Semester 1</b>	<b>Summer Semester 2</b>	<b>Fall Semester 3</b>	<b>Spring Semester 4</b>	<b>Summer Semester 5</b>
<b>Tuition &amp; Fees**</b>	\$1040	\$606	\$544	\$434	\$310
<b>Books</b>	\$582	\$146			
<b>Uniforms</b>	\$60				
<b>Drug Screen Criminal Background Check</b>		\$30 \$60			
<b>ARDMS SPI Registry Exam</b>		\$200			
<b>ARDMS AB/OB Registry Exam</b>					\$250
<b>Total</b>	\$1682	\$1042	\$544	\$434	\$560
<b>Total program costs (excluding prerequisite courses) \$4262</b>					
*All are approximate costs and are subject to change					
**Tuition is based on credit hours and 2022 in-district residency classification					

# Additional Resources

**Academic Support:**

<http://www.collin.edu/studentresources/support/index.html>

**Advising:**

<http://www.collin.edu/gettingstarted/advising/>

**Collin College Financial Aid and Veteran Benefits**

<https://www.collin.edu/gettingstarted/financialaid/>

**Collin College Tuition and Fees**

<https://www.collin.edu/bursar/tuition.html>

**Collin College Student Handbook:**

<http://www.collin.edu/studentresources/personal/studenthandbook.html>

**Collin College Catalog:**

<http://www.collin.edu/academics/catalog.html>