***AAS:* Diagnostic Medical Sonography – Cardiac Track**

You will need to apply for the associate degree at your community college. Contact your advisor there for more information.

**First Year - Collin College**

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| **PRE-PROGRAM REQUIREMENTS** | **FIRST SEMESTER (FALL)** | **SECOND SEMESTER (SPRING)** |
| BIOL 2401 - Anatomy and Physiology I | DSAE 1303 - Introduction to  Echocardiography | DMSO 1202 - Basic Ultrasonic Physics  (First eight weeks) |
| BIOL 2402 - Anatomy and Physiology II | DSAE 1340 - Diagnostic Electrocardiography |
| DMSO 1210 - Introduction to Sonography | DSAE 2303 - Cardiovascular Concepts | DMSO 2243 - Advanced Ultrasound  Physics (Second eight weeks) |
| ENGL 1301 - Composition I | PSYC 2301 - General Psychology  (See [Social / Behavioral Sciences](https://www.collin.edu/academics/programs/AAS_GenEd.html)  options) |
| MATH 1314 - College Algebra  (See [Mathematics](https://www.collin.edu/academics/programs/AAS_GenEd.html) options)1 | DSAE 2304 - Echocardiographic  Evaluation of Pathology I |
| PHYS 1405 - Elementary Physics I -  Conceptual physics2 | DSPE 1200 - Introduction to Pediatric  Echocardiography Techniques |
| DSVT 1300 - Principles of Vascular  Technology |
| **Total Semester Hours: 20** | **Total Semester Hours: 12** | **Total Semester Hours: 12** |

**Summer Semester**

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| **THIRD SEMESTER** |
| DMSO 1167 - Practicum 1 – Diagnostic Medical Sonography / Sonographer and Ultrasound Technician |
| DSAE 2335 - Advanced Echocardiography |
| DSAE 2337 - Echocardiographic Evaluation of Pathology II |
| DSVT 2200 - Vascular Technology Application |
| **Total Semester Hours: 9** |

**Second Year – Collin College**

It’s best to apply to ***UNT*** a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

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| **FIRST SEMESTER (FALL)** | **SECOND SEMESTER (SPRING)** |
| DMSO 1466 - Practicum 2 – Diagnostic Medical Sonography /  Sonographer and Ultrasound Technician | DMSO 1366 - Practicum 3 – Diagnostic Medical Sonography /  Sonographer and Ultrasound Technician |
| General Education - [Humanities / Fine Arts](https://www.collin.edu/academics/programs/AAS_GenEd.html) course | DSAE 2355 - Echocardiography Professionalism and Registry  Review (Capstone) |
| **Total Semester Hours: 7** | **Total Semester Hours: 6** |

***BAAS: Applied Arts & Sciences***

Upon admittance into the University of North Texas, students pursuing the Bachelor of Applied Arts & Sciences degree will need to complete *a minimum of 60 credit hours* to meet the 120-hour requirement for this degree program. Of those 60 hours, 36 hours must be advanced-level (3000-4000 level) and 24 of the 36 advanced hours must be completed in residence at UNT. A total of 30 hours must be completed at UNT to meet the university’s residency requirement.

A diagram of a pyramid

Description automatically generated

Students will select professional development concentrations and/or a focus area in consultation with a CACS advisor. Please contact the College of Applied and Collaborative Studies Advising Office at [CACS@unt.edu](mailto:CACS@unt.edu) for assistance regarding customized concentrations and focus area options, and unofficial degree plans.

**This is not an official degree plan***.* **Check with a Collin College and UNT CACS advisor; degree plans may change in later catalogs.**

* Part-time students may also follow this sequence. Developmental coursework may be required.
* You may take a different course to meet this requirement. A specific list is available from your advisor.
* **C**This course counts for the Core Curriculum at any public college or university in Texas
* **\***  Limited Focus Area options and number of advanced hours vary between (15-24 hours)