



HEALTH SCIENCES  
ECC

**Associate in Applied Science in  
Diagnostic Medical Sonography<sup>^</sup> to  
Applied Arts and Sciences  
Guided Pathway  
Effective for the 2019-2020 catalog<sup>1</sup>**



BACHELOR OF  
APPLIED ARTS  
& SCIENCES  
Experience  
Discovery  
Collaboration  
Application

**Prerequisites – El Centro College<sup>2</sup>**

PREREQUISITE SEMESTER 1		PREREQUISITE SEMESTER 2	
°ENGL 1301 – Composition I (010)		°BIOL 2402 – Anatomy and Physiology II (030)	
°MATH 1314 – College Algebra (020)		SCIT 1420 – Physics for Allied Health	
°BIOL 2401 – Anatomy and Physiology I <sup>@</sup> (030)		DMSO 1110 – Introduction to Sonography	
Total Semester Hours: 10		Total Semester Hours: 9	

**Program – El Centro College**

PROGRAM SEMESTER 1		PROGRAM SEMESTER 2	
DMSO 2343 – Advanced Ultrasound Physics		DMSO 1441 – Abdominopelvic Sonography	
DMSO 1101 – Techniques of Medical Sonography		DMSO 1355 – Sonographic Pathophysiology	
		DMSO 1366 – Practicum (or Field Experience)-Diagnostic Medical Sonography	
Total Semester Hours: 4		Total Semester Hours: 10	

**Program – El Centro College**

PROGRAM SEMESTER 3		PROGRAM SEMESTER 4	
°PSYC 2301 – General Psychology (080)		DMSO 2253 – Sonography of Superficial Structures	
DMSO 2405 – Sonography of Obstetrics/Gynecology		DSVT 1200 – Principles of Vascular Technology	
DMSO 2341 – Sonography of Abdominopelvic Pathology		DMSO 2366 – Practicum (or Field Experience)-Diagnostic Medical Sonography	
DMSO 1367 – Practicum (or Field Experience)-Diagnostic Medical Sonography			
Total Semester Hours: 13		Total Semester Hours: 7	

**Program – El Centro 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.

PROGRAM SEMESTER 5	
°SPCH 1311 – Introduction to Speech Communication* (090)	
°HUMA 1315 – Fine Arts Appreciation* (050)	
DMSO 2130 – Advanced Ultrasound and Review	
DSVT 2200 – Vascular Technology Applications	
DSVT 2367 – Practicum (or Field Experience)-Diagnostic Medical Sonography	
Total Semester Hours: 12	

**AAS: Diagnostic Medical Sonography (65 hours)**

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

**Third/Fourth Year Courses – University of North Texas**

FIRST SEMESTER		SECOND SEMESTER	
BAAS 3020 - Inquiry and Discovery		BAAS 3000 – Pathways to Civic Engagement	
°ENGL 1320 – College Writing II (010)		Elective	
°Humanities Course (040)		Elective	
MGMT 3720 – Organizational Behavior (Conc. 2)		MGMT 4470 – Leadership (Conc. 2)	
3XXX-4XXX Concentration 3		3XXX-4XXX Concentration 3	
Total Semester Hours: 15		Total Semester Hours: 15	

**Fourth/Fifth Year Courses – University of North Texas**

FIRST SEMESTER		SECOND SEMESTER	
°PSCI 2305 – American Gov't: Process & Policies (070)		BAAS 4100 - Managing a 21 <sup>st</sup> Century Career	
°HIST 2610 – US History to 1865 (060)		°PSCI 2306 - US and Texas Constitutions and Institutions (070)	
°Component Area 3XXX-4XXX (090)		°HIST 2620 – US History since 1865 (060)	
MGMT 3850 – Foundations of Entrepreneurship (Conc. 2)		MGMT 4660 – International Management Perspectives (Conc. 2)	
3XXX-4XXX Concentration 3		3XXX-4XXX Concentration 3	
Total Semester Hours: 15		Total Semester Hours: 15	

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

<sup>1</sup> You may use this pathway if you entered one of the seven colleges on or before this date.

<sup>2</sup> Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven colleges of the DCCCD awarding the degree.

**Prerequisite Semesters 1 and 2 can be modified for part-time enrollment. Once you are admitted to the program, you must enroll as outlined in Program Semesters 1-5.**

<sup>^</sup> To apply to the Diagnostic Medical Sonography program, an applicant must meet the conditions of Application Eligibility. Detailed information is in the [application packet](#).

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

<sup>@</sup> To register for BIOL 2401 you must complete the prerequisite: A grade of "C" or better in BIOL 1406.

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

**A minimum grade requirement of "C" or better is required in all courses.**

Approved: 2019-2020 Guided Pathway

**UNT Concentrations:**

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. A second is shown for illustration, and a third left open. There are many other possible concentrations that can be selected in consultation with your academic advisor.

For questions about the University portion of this degree plan, contact the UNT  
Applied Arts and Sciences Unit Office at (940) 369-8129, [baas@unt.edu](mailto:baas@unt.edu)  
<http://baas.unt.edu>