



HEALTH SCIENCES



**Associate in Applied Science in  
Cardiac Sonography – Adult Cardiac Sonography<sup>^</sup> to  
Bachelor of Applied Arts and Sciences  
Guided Pathway  
Effective for the 2019-2020 catalog<sup>1</sup>**



**BACHELOR OF APPLIED ARTS & SCIENCES**  
Experience  
Discovery  
Collaboration  
Application

**Prerequisite Semester – 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)	°PSYC 2301 – General Psychology (080)
°BIOL 2401 – Anatomy and Physiology I <sup>@</sup> (030)	°SPCH 1311 – Introduction to Speech Communication (090) <b>OR</b> °SPCH 1315 – Public Speaking (090) <b>OR</b> °SPCH 1321 – Business and Professional Communication (090)
°HUMA 1315 – Fine Arts Appreciation* (050)	°DAE 2303 – Cardiovascular Concepts

Total Semester Hours: 13

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**Program Semester – El Centro College<sup>2</sup>**

PROGRAM SEMESTER 1 (SUMMER)	PROGRAM SEMESTER 2 (FALL)
DMSO 2343 – Advanced Ultrasound Physics	°DAE 2404 – Echocardiographic Evaluation of Pathology I
°DAE 1270 – Introduction to Echocardiographic Evaluation	°DAE 2660 – Clinical-Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
°DAE 1203 – Introduction to Echocardiography Techniques	°DAE 2335 – Advanced Echocardiograph
°DAE 1164 – Practicum (or Field Experience)-Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	

Total Semester Hours: 8

Total Semester Hours: 13

**Program Semester – El Centro College<sup>2</sup>**

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 3 (SPRING)	
°DAE 2437 – Echocardiographic Evaluation of Pathology II	
°DAE 2661 – Clinical-Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	
°DAE 2355 – Echocardiography Professionalism and Registry Review	

Total Semester Hours: 13

**AAS: Cardiac Sonography – Adult Cardiac Sonography (60 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

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**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

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**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.

<sup>^</sup> To apply to the Adult Cardiac 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>