



# YOU WANT TO MAKE A DIFFERENCE

We educate the region's finest health care providers.

*Together, we change lives.*

## Dual Major: Adult Cardiac & Vascular Sonography

### Why a Bryan College of Health Sciences CVT degree?

Our one and only program in Nebraska offers a dual major Bachelor of Science degree in vascular and cardiac sonography. This dual major focuses on images of blood circulation and the heart. Imagine the variety of interesting procedures you will be trained to perform!

### Develop your skills!

- You'll develop the skills and confidence to produce the high quality images needed by health care professionals to properly diagnose and treat patients.
- Sonographers are the eyes and ears of the doctor!

### You will receive 1,305 – 2,200 hours of clinical!

- Clinical is hands-on training with certified sonographers along with working with patients in the hospital and many other settings.

### The Benefits of a Bachelor's Degree:

- Higher starting wages
- Opportunity for advancement such as management or leadership positions.
- Comprehensive and well-rounded education.

### QUICK FACTS...

- Top 15 sonography program in the nation
- No prerequisites
- Over 200 clinical sites in rural, urban, and out-of-state settings
- Minors in Public Health, Health Care Management, Social Sciences and Biomedical Sciences
- Scholarships available by way of application
- Low student to faculty ratio
- Class sizes are 10-12 students per program
- 3 fully equipped labs available for students to enhance their skills.

A COLLEGE  
WITHIN A  
MEDICAL  
CENTER



20-25  
AVERAGE  
CLASS SIZE



DEDICATED  
FACULTY



# PROGRAM CURRICULUM



Year 1					
Fall	Spring		Summer (13 weeks)		
ENGL104: English Composition (APA focus)	3	PHYS105: Descriptive Physics (with lab)	4	AHAL223: Physics & Instrumentation*	4
MATH155: College Algebra**(or higher math)	3	BIOS 204: Anatomy and Physiology II (with lab)	4	CVTD226: CV Physiology*	4
BIOS 203: Anatomy and Physiology I (with lab)	4	CVTD230: Principles of EKG*	3		
GSTU100: Introduction to BCHS Experience	1	HIMS100: Medical Terminology	1		
Social Science Elective	3				
NURA102: Basic Nursing Assistant	0				
	<b>14</b>		<b>12</b>		<b>8</b>

Years 2 or 3					
Fall	Spring		Summer (13 weeks)		
CARD346: Core I: Adult Cardiac Sonography*	7	CARD347: Core II: Adult Cardiac Sonography*	6	Healthcare Management Elective	3
CARD312: Adult Cardiac Sonography Skills I*	1	CARD314: Adult Cardiac Sonography Skills II*	1	CVTD340: Clinical Practicum I (ACS)*	4.5
STAT210: Elements of Statistics	3	CARD344: Adult Cardiac Sonography Clinical Experience*	1		
Public Speaking	3	Humanities Elective	3		
		PHIL210: Ethics in Healthcare	3		
	<b>14</b>		<b>14</b>		<b>7.5</b>

Years 2 or 3					
Fall	Spring		Summer (13 weeks)		
VASC341: Core I: Vascular Sonography*	7	VASC342: Core II: Vascular Sonography*	6	CVTD355: Clinical Practicum II* (Vascular Focus)	9.5
VASC315: Vascular Sonography Skills I*	1	VASC316: Vascular Sonography Skills II*	1		
CVTD301: Skills Enhancement I*	1.5	VASC346: Vascular Sonography Clinical Experience*	1		
AHAL313: Research in Healthcare*	2	CVTD302: Skills Enhancement II*	1.5		
Social Science Elective (upper level)	3	AHAL314: Issues and Trends in Health Professions*	2		
		Cultural Studies Elective (in social science if SS requirement not met)	3		
	<b>14.5</b>		<b>14.5</b>		<b>9.5</b>

Year 4					
Fall (16 weeks)	Winter (3 weeks)		Spring		
CVTD415: Clinical Practicum III*	12.5	CVTD425A: Clinical Practicum IV-A *	1.5	CVTD425B: Clinical Practicum IV-B*	12
CARD430: ACS Board Review*	1				
VASC430: VASC Board Review*	1				
	<b>14.5</b>		<b>1.5</b>		<b>12</b>

- Bryan College of Health Sciences will accept credit from any accredited institution as long as you earned a "C+" or higher.
- Your college Math and Science courses are transferrable for a period of 5 years from the date of completion.
- This curriculum plan shows the Adult Cardiac Sonography courses taken first, followed by the Vascular Sonography courses. Students may be assigned to a cohort group taking Vascular Sonography courses first, followed by Adult Cardiac Sonography.
- If student doesn't place into College Algebra, Intermediate Algebra will need to be taken in Fall and College Algebra in the Spring.

**\* Courses in major**

**Total Credit Hours: 136**

Contact me for more information and questions!

**Ash Wimes**  
**Recruitment and Diversity**  
**Coordinator**

Phone: 402-481-8375 or  
[awimes@bryanhealthcollege.edu](mailto:awimes@bryanhealthcollege.edu)

**YOUR FUTURE IS WAITING**

SEE US ONLINE  
[bryanhealthcollege.edu](http://bryanhealthcollege.edu)

VISIT CAMPUS  
 Call: 402-481-8697  
 Email: [bchs-admissions@bryanhealthcollege.edu](mailto:bchs-admissions@bryanhealthcollege.edu)

SEE WHAT WE'RE DOING

