

# ASSOCIATE OF APPLIED SCIENCE DIAGNOSTIC MEDICAL SONOGRAPHY

## Sonography as a Career

Sonography is a dynamic profession that has grown significantly over the past 20 years. With rapidly developing new technologies and increased use of diagnostic ultrasound procedures, growth is projected to continue in the future with employment opportunities for qualified sonographers in both urban and rural areas nationwide. Sonographers and vascular technologists can choose to work in clinics, hospitals, private physician offices, public health facilities, laboratories, and other medical settings performing examinations in their areas of specialization.

## Role of the Diagnostic Medical Sonographer

A diagnostic medical sonographer is a highly-skilled professional who uses specialized equipment to create images of structures inside the human body that are used by physicians to make a medical diagnosis. Sonographers develop close relationships with ordering physicians and radiologists. They have extensive, direct patient contact. They must be able to interact compassionately and effectively with people who range from healthy to critically ill.

## Career Opportunities

The median annual wage for diagnostic medical sonographers and cardiovascular technologists and technicians, including vascular technologists was \$72,510 in May 2018 (BLS) . According to the Bureau of Labor Statistics the job outlook is projected to grow by 24% between 2014 and 2024.

## Career Advancement

Diagnostic Medical Sonography is a multi-specialty field. Sonographers may specialize in abdominal, obstetrics and gynecology, neurologic and vascular imaging. Sonographers may go on to earn credentials in Diagnostic Cardiac Sonography and Vascular Technology. Other opportunities exist in education, administration, research, and in commercial companies as education/application specialists, sales representatives, or technical advisors. Graduates of the Sonography program who successfully complete registry with ARDMS or ARRT are eligible for acceptance into the Magnetic Resonance Imaging program.

## Student Financial Assistance

- Federal student financial aid is available for those who qualify.
- Baptist Health Foundation of San Antonio Scholarships.
- Additional scholarship opportunities may be available through local, state and national organizations. Please check the website at [www.bshp.edu](http://www.bshp.edu) for current lists.

## CONTACT US

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School of Health Professions  
Student Services  
8400 Datapoint Dr.  
San Antonio, Texas 78229-3234

**Phone number:** (210) 297-9636, press 0

**Fax number:** (210) 297-0913

**Website:** [www.bshp.edu](http://www.bshp.edu)

The website provides a virtual tour and information on tuition and fees, admissions requirements, financial aid and careers. In addition, you can review our Academic Catalog and consumer information such as our security report and student outcomes/placement.



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## Admissions Requirements

- Anatomy & Physiology I (3 semester credits)
  - College Algebra (3 semester credits)
  - Speech/Communications Course (3 semester credits)
  - Intro to Physics/Physics I (3 semester credits)
- Must be taken at an accredited college or university prior to applying
  - Must be passed with a grade of C or higher
  - 7-year expiration on science courses unless you are working in direct patient care

## HESI A2 Entrance Exam

Applicants must register for and pass the HESI A2 entrance exam with the following minimum scores:

- English Language: **76**
- Math: **76**
- Science: **76**

## Start Dates & Application Deadlines

<b>Fall</b> - Blended Delivery	Deadline: Jul. 1
<b>Spring</b> - Blended Delivery	Deadline: Nov. 1
<b>Summer</b> - Blended Delivery	Deadline: Mar. 1

In **blended delivery**, general education courses are online. Courses in the core curriculum and laboratory coursework are conducted on campus. Clinical hours are required in a hospital, imaging center, or physician's office.

## Typical Course Schedule

Class schedules can vary from semester to semester, but the typical class schedule for the Sonography program is:

Monday - Friday  
Lecture: 8 AM - 5 PM

Clinical hours will vary depending on the clinical site.

## Curriculum Plan

Semester I (16 weeks)	Credit Hours	Clock Hours - Lecture	Clock Hours - Lab	Clock Hours - Clinical
COSC 1301: Introduction to Computing*	3	48	0	0
ENGL 1301: Composition I*	3	48	0	0
MATH 1342: Elementary Statistical Methods*	3	48	0	0
PSYC 2314: Lifespan Growth & Development*	3	48	0	0
HPRS 2321: Medical Law and Ethics for Health Professionals*	3	48	0	0
<i>Subtotal</i>	15	240	0	0
Semester II (16 weeks)	Credit Hours	Clock Hours - Lecture	Clock Hours - Lab	Clock Hours - Clinical
IMG 1301: Introduction to Imaging and Patient Care	3	48	0	0
US 1311: Physics and Instrumentation I	3	48	0	0
US 1321: Abdominal Sonography I	3	48	0	0
US 1331: OB/GYN Sonography I	3	48	0	0
<i>Subtotal</i>	12	192	0	0
Semester III (16 weeks)	Credit Hours	Clock Hours - Lecture	Clock Hours - Lab	Clock Hours - Clinical
US 1312: Physics and Instrumentation II	3	48	0	0
US 1322: Abdominal Sonography II	3	48	0	0
US 1332: OB/GYN Sonography II	3	48	0	0
US 1541: Sonography Skills with Laboratory	5	16	128	0
<i>Subtotal</i>	14	160	128	0
Semester IV (16 weeks)	Credit Hours	Clock Hours - Lecture	Clock Hours - Lab	Clock Hours - Clinical
US 2951: Sonography Clinical Practicum I	12.5	0	0	600
<i>Subtotal</i>	12.5	0	0	600
Semester V (16 weeks)	Credit Hours	Clock Hours - Lecture	Clock Hours - Lab	Clock Hours - Clinical
US 2952: Sonography Clinical Practicum II	12.5	0	0	600
<i>Subtotal</i>	12.5	0	0	600
<b>Total Hours</b>	<b>66</b>	<b>592</b>	<b>128</b>	<b>1,200</b>
<b>Total Number of Weeks = 80</b>	<b>Total Number of Hours = 1,920</b>			

\*General Education online courses