

# DIAGNOSTIC MEDICAL SONOGRAPHY, CONCENTRATION

The Diagnostic Medical Sonography Program offers three separate certificates: Adult Cardiac, Vascular, and General (OB/GYN/AB). Each certificate program is 12 months in length. The cardiac and vascular certificates are 34 credit hours and the general certificate is 40 credit hours. These certificates provide a balance of didactic and clinical experience that will equip the student with the knowledge and skills to be an entry-level sonographer. The sonography program didactic courses are online and students must have access to high speed internet and possess excellent computer skills.

## Program Mission

The Diagnostic Medical Sonography Program is focused on the development of qualified sonographers who provide optimum patient care through technical competency and professional conduct. The program will provide the knowledge and cognitive skills underlying the intelligent performance of major tasks typically required for an entry level staff sonographer.

## Washburn University Assessment – Program Student Learning Outcomes

Upon completion of the program students will be able to:

- PSLO 1: To prepare competent entry-level sonographers in the cognitive (knowledge) learning domain..
- PSLO 2: To prepare competent entry-level sonographers in the psychomotor (skills) learning domain.
- PSLO 3: To prepare competent entry-level sonographers in the affective (behavior) learning domain.

## Accreditation

The Diagnostic Medical Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), upon recommendation of the:

Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS)  
6021 University Blvd., Ste 500  
Ellicott City, MD 21043

## Admission Requirements

This program has special admission requirements. The applicant should have an Associate degree or higher, in a healthcare program with hands-on patient care clinical rotations. Examples include: Radiologic Technology, Respiratory Therapy, Physical Therapist Assistant, Occupational Therapy Assistant or Registered Nurse, **and** completion of the following required courses with a C or better: Intermediate Algebra or higher college level mathematics course; Physics, Communication (English, speech, or composition); Human anatomy, Human physiology, and Medical Terminology.

Alternate pathways are available, please visit: [www.washburn.edu/](http://www.washburn.edu/) ultrasound (<https://www.washburn.edu/ultrasound/>)

## Certificate Completion Requirements

### Vascular Sonography

Code	Title	Hours
AL 300	Introduction to Diagnostic Medical Sonography	3
AL 330	Sonography Principles and Instrumentation I	3
AL 331	Sonography Principles and Instrumentation II	3
AL 332	Sonography Principles and Instrumentation III and Registry Review	2
AL 393	Vascular Sonography Procedures I	3
AL 394	Vascular Sonography Procedures II	3
AL 395	Vascular Sonography Clinical I	6
AL 396	Vascular Sonography Clinical II	6
AL 397	Vascular Sonography Clinical III	3
AL 398	Vascular Procedures III and Registry Review	2
<b>Total Hours</b>		<b>34</b>

### Cardiac Sonography

Code	Title	Hours
AL 300	Introduction to Diagnostic Medical Sonography	3
AL 330	Sonography Principles and Instrumentation I	3
AL 331	Sonography Principles and Instrumentation II	3
AL 332	Sonography Principles and Instrumentation III and Registry Review	2
AL 383	Cardiac Sonography Procedures I	3
AL 384	Cardiac Sonography Procedures II	3
AL 385	Cardiac Sonography Clinical I	6
AL 386	Cardiac Sonography Clinical II	6
AL 387	Cardiac Sonography Clinical III	3
AL 388	Cardiac Sonography Procedures III and Registry Review	2
<b>Total Hours</b>		<b>34</b>

### General Sonography

Code	Title	Hours
AL 300	Introduction to Diagnostic Medical Sonography	3
AL 330	Sonography Principles and Instrumentation I	3
AL 331	Sonography Principles and Instrumentation II	3
AL 332	Sonography Principles and Instrumentation III and Registry Review	2
AL 361	General Sonography Clinical I	6
AL 362	General Sonography Clinical II	6
AL 363	General Sonography Clinical III	3
AL 371	Abdomen Sonography Procedures I	3
AL 372	Abdomen Sonography Procedures II	3

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AL 379	General Sonography Procedures III and Registry Review	2
AL 389	OBGYN Sonography Procedures I	3
AL 392	OBGYN Sonography Procedures II	3
<b>Total Hours</b>		<b>40</b>