



## Diagnostic Medical Sonography Degree (DMS3)

### Program Description:

The Diagnostic Medical Sonography Associate Degree program is a sequence of courses that provides educational opportunities to individuals within didactic and clinical environments. These educational opportunities will enable them to gain the skills, knowledge, and attitudes necessary to graduate and become successful entry-level employees within the field of Diagnostic Medical Sonography. The profession requires critical thinking skills, judgement, and the ability to provide appropriate healthcare services. Sonographers use high-frequency sound waves to produce dynamic visual pictures of internal body structures. Physicians evaluate the images to make a medical diagnosis. Course work includes sonographic physics, sonographic identification of normal and abnormal anatomy, physiology, pathology, and pathophysiology of the abdomen, pelvis, and small parts of the adult, pediatric, and fetal patient, clinical application courses, interventional sonography, journal, and case study review, and comprehensive registry reviews.

### Contact:

Prior to Competitive Selection:  
[Advising@westgatech.edu](mailto:Advising@westgatech.edu)

### Campus:

Carroll Campus

Be sure to review the [General Competitive Selection Procedures](#)<sup>1</sup> and [Competitive Selection Program Statistics](#).<sup>2</sup>

<b>Pre-Diagnostic Medical Sonography Technology Admission Requirements</b>					
Must complete the Courses Required for Competitive Selection with at least a 3.0 Competitive GPA (100% of the evaluation process)					
<b>Set the Track, Start the Track, Stay on Track</b>					
<i>Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA= Fall; SP=Spring SU=Summer</i>					
Courses may rotate among the following locations: Carroll, Coweta, Douglas, LaGrange and Online					
✓	Grade	Courses Required for Competitive Selection (Courses required before Application Deadline)	S	CR	Notes & Milestones Prerequisites must be passed with a "C" or higher
<b>The 7 courses are used to calculate your competitive GPA. Minimum GPA= 3.0. All 7 Courses must be completed with a "C" or higher and before the Application Deadline.</b>					
		ENGL 1101 Composition and Rhetoric	ALL	3	
		PSYC 1101 Introductory Psychology	ALL	3	
<b>Choose One Math Course:</b>					
		MATH 1111 College Algebra -OR- MATH 1103 Quantitative Skills and Reasoning	ALL	3	
		*BIOL 2113 Anatomy & Physiology I	ALL	3	Corequisite BIOL 2113L
		*BIOL 2113L Anatomy & Physiology Lab I	ALL	1	Corequisite BIOL 2113
		*BIOL 2114 Anatomy & Physiology II	ALL	3	Prerequisite BIOL 2113, BIOL 2113L Corequisite BIOL 2114L
		*BIOL 2114L Anatomy & Physiology Lab II	ALL	1	Prerequisite BIOL 2113, BIOL 2113L Corequisite BIOL 2114

**\*BIOL and ALHS courses must be completed within 7 years of the program cohort start date.**

**\*BIOL lecture and labs must be taken together in the same semester.**

<sup>1</sup> <https://westgatech.smartcatalogiq.com/2025-2026/student-catalog/admissions/health-sciences-and-nursing-programs-general-procedures>

<sup>2</sup> <https://www.westgatech.edu/admissions/getting-started/competitive-selection-process/>

✓	Grade	Courses Required for Graduation (If possible, complete before the cohort starts)	S	CR	Notes & Milestones Prerequisites must be passed with a "C" or higher
		PHYS 1110 Conceptual Physics	FA, SP	3	Prerequisite ENGL 1101, MATH 1101, MATH 1103, or MATH 1111 Corequisite PHYS 1110L
		PHYS 1110L Conceptual Physics Lab	FA, SP	1	Corequisite PHYS 1110
<b>*PHYS courses must be completed within 7 years of the program/cohort start date.</b> <b>*PHYS lecture and lab must be taken together in the same semester.</b>					
<b>Choose One ALHS course:</b>					
		ALHS 1090 Medical Terminology -OR- ALHS 1040 Introduction to Healthcare	ALL ALL	2 3	In-Major for Healthcare Management
<b>*ALHS courses must be completed within 7 years of the program/cohort start date.</b> <b>*ALHS lecture and lab must be taken together in the same semester.</b>					
<b>Choose One Area IV Course:</b>					
		ARTS 1101 Art Appreciation	ALL	3	
		MUSC 1101 Music Appreciation	ALL	3	
		THEA 1101 Theater Appreciation	ALL	3	
		HUMN 1101 Introduction to Humanities	ALL	3	Prerequisite ENGL 1101
		ENGL 2110 World Literature	SP	3	Prerequisite ENGL 1101
		ENGL 2130 American Literature	ALL	3	Prerequisite ENGL 1101
		ENGL 2310 English Literature	SP	3	Prerequisite ENGL 1101
		RELG 1101 World Religions	ALL	3	Prerequisite ENGL 1101
Always check online <a href="https://www.westgatech.edu/">https://www.westgatech.edu/</a> and meet with your Advising Coach to ensure you are viewing the latest and most accurate information.					

### Competitive Selection Deadline

- The Diagnostic Medical Sonography Technology program will admit once each year at the Carrollton Campus.
- Application opens for submission on April 1<sup>st</sup> and closes on the deadline June 1<sup>st</sup> with a Fall semester cohort start date.

### Competitive Selection Requirements

- Must be admitted to the college in good academic standing and regular status.
- Non-Georgia residents will be considered in the competitive selection process on a space available basis.
- Must complete the seven (7) required courses and labs with a minimum grade of "C" or higher and have at least a 3.0 competitive GPA (100% of the process).
  - ENGL 1101, PSYC 1101, MATH 1111 or MATH 1103, BIOL 2113, BIOL 2113L, BIOL 2114, and BIOL 2114L are used to calculate the competitive GPA.
  - BIOL, PHYS and ALHS courses must be completed within seven (7) years of the program/cohort start date.
- After acceptance into the Diagnostic Medical Sonography program a current CPR certification through the American Heart Association for Healthcare Providers-BLS (Basic Life Support) is required.
  - The card will be reviewed by the program director. Online CPR certification will not be accepted.

### Possible Bonus Points (maximum 3)

Submit an employer letter on company letterhead, including dates of employment, job title, and a brief description of duties for consideration.

- One (1) point for six months of healthcare clinical work experience.
  - **Clinical experience** is defined as performing the duties as in a hospital, clinic, or physician's office.
- Two (2) points for six (6) to twelve (12) months of work in the healthcare field as a certified Radiology Technologist.
- Three (3) points for more than one year equivalent of full-time experience as a certified Radiology Technologist.

## Right on Track Worksheet

**Campus and Deadline:** Carroll Campus- June 1<sup>st</sup> deadline for Fall cohort start

<b>Write the classes you need to take each semester:</b> (Circle the appropriate semester and add year)
Starting Semester (Fall/Spring/Summer 202_)
2 <sup>nd</sup> Semester (Fall/Spring/Summer 202_)
3 <sup>rd</sup> Semester (Fall/Spring/Summer 202_)
4 <sup>th</sup> Semester (Fall/Spring/Summer 202_)
5 <sup>th</sup> Semester (Fall/Spring/Summer 202_)
6 <sup>th</sup> Semester (Fall/Spring/Summer 202_)

**Check off the class once you have it accounted for on the left side:**

*\*Must complete the required 7 courses by the end of Spring Semester*

- ENGL 1101
- PSYC 1101
- MATH 1111
- BIOL 2113
- BIOL 2113L
- BIOL 2114
- BIOL 2114L

GPA must be at least a 3.0 in these 7 courses

**Calculate your Competitive GPA:** \_\_\_\_\_

- Use A, B, C, only, no D's or (+), or (-)
- GPA Calculator: <https://gpacalculator.net/college-gpa-calculator/>

**Courses required before Graduation:**

*\*Finish before the Program Starts, if possible*

- PHYS 1110 and 1110L
- ALHS 1090 or ALHS 1040
- AREA IV

## Competitive Selection Process

1. Must attend Mandatory Information session with WGTC Advising Coach. ([advising@westgatech.edu](mailto:advising@westgatech.edu))
2. Gather all supporting documentation and save electronically.
3. Complete the [Competitive Selection File Review Request Form](#)<sup>3</sup> and attach all supporting documentation on or before the deadline. (direct questions related to the form to [admissions@westgatech.edu](mailto:admissions@westgatech.edu))
4. Monitor student email and review competitive selection scoring sheet (this does not indicate acceptance or denial).
5. Allow 4-6 weeks from the program deadline date to receive acceptance or denial letter from the Admissions Office.
  - If accepted, respond to secure your seat in the program by the given deadline.
  - If denied, meet with an Advising Coach to determine next steps. Students not selected into the program cohort must submit a new Competitive Selection File Review Request Form and required documentation to be included in the next selection process for the same program or the selection process for another program.

Diagnostic Medical Sonography Technology Curriculum			
Semester 1	S	CR	Notes and Milestones
DMSO 1010 Foundations of Sonography	FA	3	
DMSO 1020 Sectional Anatomy and Normal Sonographic Appearance	FA	3	
DMSO 1040 Sonographic Physics and Instrumentation	FA	3	
DMSO 1060 Clinical Sonography I	FA	4	
		<b>13</b>	<b>Program Semester Hours</b>
Semester 2	S	CR	Notes and Milestones
DMSO 1050 Abdominal Sonography I	SP	3	
DMSO 1070 Pelvic Sonography and First Trimester Obstetrics	SP	2	
DMSO 1080 Sonographic Physics and Instrumentation Registry Review	SP	1	
DMSO 2020 Specialized Sonographic Procedures	SP	2	
DMSO 1100 Clinical Sonography II	SP	6	
		<b>14</b>	<b>Program Semester Hours</b>
Semester 3	S	CR	Notes and Milestones
DMSO 1090 Introduction to Vascular Sonography	SU	1	
DMSO 2010 OB Second and Third Trimesters	SU	3	
DMSO 2030 Clinical Sonography III	SU	8	
		<b>12</b>	<b>Program Semester Hours</b>
Semester 4	S	CR	Notes and Milestones
DMSO 2040 Comprehensive Registry Review for ABD-Extended and/or OB/GYN and/or Breast Concentrations	FA	2	
DMSO 2050 Clinical Sonography IV	FA	10	
		<b>12</b>	<b>Program Semester Hours</b>

**Employment Opportunities:** <https://www.westgatech.edu/student-life/career-services/>

**Financial Aid by Program:** <https://www.westgatech.edu/financial-aid/types-of-aid/>

As set forth in its student catalog, West Georgia Technical College complies with the Technical College System of Georgia (TCSG). The TCSG State Board prohibits discrimination on the basis of an individual's age, color, disability, genetic information, national origin, race, religion, sex, or veteran status ("protected status"). No individual shall be excluded from participation in, denied the benefits of, or otherwise subjected to unlawful discrimination, harassment, or retaliation under, any TCSG program or activity because of the individual's protected status; nor shall any individual be given preferential treatment because of the individual's protected status, except the preferential treatment may be given on the basis of veteran status when appropriate under federal or state law. The following person(s) has been designated to manage inquiries regarding the nondiscrimination policies: Equity (Title IX) Coordinator: Melinda Hofius, Assistant Vice President of Student Affairs 770.537.5722, 176 Murphy Campus Blvd., Waco, GA 30182; ADA (Section 504) Coordinators: Students: Zelma Jones, Career and Student Support Services Director, 770.824.5245, 176 Murphy Campus Blvd., Waco, GA 30182, [Student504@westgatech.edu](mailto:Student504@westgatech.edu). Employees: Teresa Jiles, Assistant Director of Human Resources, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182, [wgtchr@westgatech.edu](mailto:wgtchr@westgatech.edu).

<sup>3</sup> <https://westgatech.jotform.com/260326973664970>