

Diagnostic Medical Sonography (DMS3)

Associate of Applied Science eMap

This eMap, along with regular meetings with your program advisor and using DegreeWorks, will help you remain on track to finish your program as quickly as possible and graduate from Georgia Northwestern Technical College. This eMap is intended to be used when beginning the program in Fall semester. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This eMap is based on the 2026-2027 academic year.



Please note: Pre-occupational curriculum must be completed by the end of the spring semester in order to be eligible to compete for DMS program entry. For either track, students should keep in mind the competitive admissions requirements and select the track that will allow the best rate of success. Any variation to the tracks may result in an extended wait period to compete for the program.

PRE-OCCUPATIONAL CURRICULUM – RECOMMENDED* (26 or 27 Credit Hours)

Summer start required for this track in order to meet eligibility deadline.

1 st set of suggested courses			
Course		Hours	Completed
ENGL 1101	Composition and Rhetoric	3	☐
MATH 1111	College Algebra	3	☐
OR	OR		
MATH 1103	Quantitative Skills and Reasoning		
BIOL 2113	Anatomy and Physiology I	3	☐
BIOL 2113L	Anatomy and Physiology Lab I	1	☐
2 nd set of suggested courses			
Course		Hours	Completed
PSYC 1101	Introductory Psychology	3	☐
MATH 1127	Introduction to Statistics	3	☐
OR	OR		
ALHS 1040	Introduction to Health Care	3	
OR	OR		
ALHS 1090	Medical Terminology for Allied Health Sciences	2	
BIOL 2114	Anatomy and Physiology II (Prerequisite: BIOL 2113)	3	☐
BIOL 2114L	Anatomy and Physiology Lab II (Prerequisite: BIOL 2113L)	1	☐
3 rd set of suggested courses			
Course		Hours	Completed
XXXX xxxx	Humanities/ Fine Arts Elective	3	☐
PHYS 1110	Conceptual Physics (Prerequisite: ENGL 1101, MATH 1111 or MATH 1103)	3	☐
PHYS 1110L	Conceptual Physics Lab (Prerequisite: ENGL 1101, MATH 1111 or MATH 1103)	1	☐

PRE-OCCUPATIONAL CURRICULUM - ALTERNATIVE (26 or 27 Credit Hours)

Fall start required for this track in order to meet eligibility deadline.

1 st set of suggested courses			
Course		Hours	Completed
ENGL 1101	Composition and Rhetoric	3	☐
MATH 1111	College Algebra	3	☐
OR	OR		
MATH 1103	Quantitative Skills and Reasoning		
BIOL 2113	Anatomy and Physiology I	3	☐
BIOL 2113L	Anatomy and Physiology Lab I	1	☐
PSYC 1101	Introductory Psychology	3	☐
2 nd set of suggested courses			
Course		Hours	Completed
MATH 1127	Introduction to Statistics	3	☐
OR	OR		
ALHS 1040	Introduction to Health Care	3	
OR	OR		
ALHS 1090	Medical Terminology for Allied Health Sciences	2	
BIOL 2114	Anatomy and Physiology II (Prerequisite: BIOL 2113)	3	☐
BIOL 2114L	Anatomy and Physiology Lab II (Prerequisite: BIOL 2113L)	1	☐
XXXX xxxx	Humanities/ Fine Arts Elective	3	☐
PHYS 1110	Conceptual Physics (Prerequisite: ENGL 1101, MATH 1111 or MATH 1103)	3	☐
PHYS 1110L	Conceptual Physics Lab (Prerequisite: ENGL 1101, MATH 1111 or MATH 1103)	1	☐

See page 2 for Program Planning Notes & Occupational Curriculum.

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OCCUPATIONAL CURRICULUM (51 Credit Hours)

Please note: Occupational curriculum is to be taken only after being officially accepted into the Diagnostic Medical Sonography program. The DMS Program Advisor will guide course pathways.

Course	Hours	Completed
DMSO 1010 Foundations of Sonography	3	☐
DMSO 1020 Sectional Anatomy and Normal Sonographic Appearance	3	☐
DMSO 1040 Sonographic Physics and Instrumentation	3	☐
DMSO 1050 Abdominal Sonography I	3	☐
DMSO 1060 Clinical Sonography I	4	☐
DMSO 1070 Pelvic Sonography and First Trimester Obstetrics	2	☐
DMSO 1080 Sonographic Physics and Instrumentation Registry Review	1	☐
DMSO 1090 Introduction to Vascular Sonography	1	☐
DMSO 1100 Clinical Sonography II	6	☐
DMSO 2010 OB Second and Third Trimesters	3	☐
DMSO 2020 Specialized Sonographic Procedures	2	☐
DMSO 2030 Clinical Sonography III	8	☐
DMSO 2040 Comprehensive ABD and OB/GYN Registry Review	2	☐
DMSO 2050 Clinical Sonography IV	10	☐

Diagnostic Medical Sonography AAS Degree Program Planning Notes:

- This program has a competitive admission that occurs at the end of every spring semester.
- Pre-occupational curriculum must be completed by the end of the spring semester in order to be eligible to compete for DMS program entry.
- All math and science courses must be current within 5 years.
- Eligibility forms to compete for the program should be turned in by the last day of the spring semester.
- Attendance to one sonography program information session is mandatory for the competitive admissions process. Students should contact their advisor for dates; Kelly Redding, kredding@gntc.edu
- Occupational curriculum/classes for this program are offered at the Floyd County Campus.

Note: All required courses must be completed with a grade of "C" or better in order to graduate from this program.

Additional information for the Diagnostic Medical Sonography AAS Degree and program requirements can be found at [GNTC 2026-2027 Course Catalog](#).

Total Credit Hours: 77 Minimum Credit Hours Required for Graduation