

# DIAGNOSTIC MEDICAL SONOGRAPHY, Associate in Applied Science Degree – 3426

Fall 2023- (5/15/2023)

## PROGRAM REQUIREMENTS (TOTAL CREDITS = 76)

General Education		Major Requirements		Other Required Courses	
ENGL 101 English Composition I	3	DMS 105 Introduction to Health Care	4	BIOL 121 and BIOL 122	8
COMM 101 Effective Speaking	3	DMS 110 Introduction to DMS	4	PHYS 161 Physics for Imaging	3
Humanities & Arts Electives	3	DMS 115 Clinical Experience I	2		11
Math Elective - <u>MATH 103</u>	3	DMS 120 DMS Lab I	1		
Social & Behavioral Science		DMS 125 Clinical Experience II	3		
Elective- <u>PSYC 101</u>	3				
First-Year Seminar Elective- <u>AH 140</u>	3				
Wellness	1	DMS 130 Abdominal Sonography	4		
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	19	DMS 140 DMS Lab II	1		
		DMS 150 OB/GYN Sonography I	3		
		DMS 170 Acoustical Principles I	4		
		DMS 180 High Resolution Sonography	1		
		DMS 210 Vascular Sonography	1		
		DMS 215 Clinical Experience III	4		
		DMS 220 DMS Lab III	1		
		DMS 225 Clinical Experience IV	4		
		DMS 240 DMS Lab IV	1		
		DMS 250 OB/GYN Sonography II	3		
		DMS 270 Acoustical Principles II	2		
		DMS 274 DMS Topics	3		
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Note: A grade of C or higher is required for all BIOL; DMS; MATH; and PHYS courses; ENGL 101 and COMM 101.

DMS Clinical Program-only available at the Harrisburg Campus with clinical sites up to 80 miles from Harrisburg.

*DMS is a cohort program, all 12 students are in lecture and lab together.*

*On clinical days, only one student is at each clinical site.*

*Ultrasound departments are only able to take one student for the clinical rotation.*

## RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS

FALL I		SPRING I		FALL II		SPRING II		SUMMER		FALL III		SPRING III	
BIOL 121	4	BIOL 122	4	DMS 105	4	DMS 115	2	DMS 125	3	DMS 215	4	DMS 225	4
ENGL 101	3	COMM 101	3	DMS 110	4	DMS 120	1	DMS 140	1	DMS 220	1	DMS 240	1
MATH 103	3	PSYC 101	3	PHYS 161	3	DMS 130	4	DMS 180	1	DMS 250	3	DMS 274	3
AH 140	3	Humanities/Arts Elec	3	Wellness	1	DMS 150	3	DMS 210	1	DMS 270	2		
						DMS 170	4						

Students who are selected into the program take the DMS courses in a specific **sequence** as listed above. There is no flexibility in the DMS course schedule. This is a full-time day time commitment. There are no part time options. Student who work typically only put in 16 hours or less each week. Time management is key with classes, lab, and clinical rotations including driving, with homework including workbook completion, research presentations, weekly tests in multiple classes and clinical overview details assignments. During the last two semesters, national exam preparation is included for the three required exams to become a Registered Diagnostic Medical Sonographer and students take the credentialing examinations.

## DMS Schedule (Subject to change)

Semester	Monday	Tuesday	Wednesday	Thursday	Friday
FALL	8:00a-11:30a DMS 105- Intro to HC  1:30p-3:35p Physics 161	8:00a- 12:00p DMS 110- Intro to DMS  1:30p-4:00p Open Lab	8:00a-11:30a DMS 105- Intro to HC  1:00p-3:40p Physics 161	8:00a- 12:00p DMS 110- Intro to DMS  1:30p-4:00p Open Lab	8:00a-12:00p Open Lab
	Monday	Tuesday	Wednesday	Thursday	Friday
SPRING	8:00a-12:00p DMS 120- DMS Lab I  1:00p-4:00p Open Lab	8:00a-11:30a DMS 150- OB/GYN I  12:30p-4:00p DMS 130- ABD I	DMS 115- Clinical (8 hours)	8:00a-12:00p DMS 170- Principles I  1:00p-4:00p Open Lab	DMS 115- Clinical (8 hours)
	Monday	Tuesday	Wednesday	Thursday	Friday
SUMMER	8:00a-12:00p DMS 140- DMS Lab II  1:00p-4:00p Open Lab	8:00a-10:00a DMS 180- High Res  10:30a-12:30p DMS 210- Vascular  1:30p-4:00p Open Lab	DMS 125- Clinical II (8 hours)	DMS 125- Clinical II (8 hours)	DMS 125- Clinical II (8 hours)
	Monday	Tuesday	Wednesday	Thursday	Friday
FALL	DMS 215- Clinical III (8 hours)	DMS 215- Clinical III (8 hours)	DMS 215- Clinical III (8 hours)	DMS 215- Clinical III (8 hours)	8:00a-10:00a DMS 270- Principles II  10:15a-12:45p DMS 250- OB/GYN II  1:30p-4:30p DMS 220- DMS Lab III
	Monday	Tuesday	Wednesday	Thursday	Friday
SPRING	DMS 225- Clinical IV (8 hours)	DMS 225- Clinical IV (8 hours)	DMS 225 - Clinical IV (8 hours)	DMS 225- Clinical IV (8 hours)	8:00a-11:00a DMS 274- Topics  12:30p-3:30p DMS 240- DMS Lab IV

The clinical courses require rotation to different clinical sites each semester. Be advised that clinical sites can be located up to 80 miles from Harrisburg. Rotations vary. Students need to be flexible and adapt to clinical rotation schedules.

Clinical sites (sites are always subject to change): Evangelical Community Hospital (Lewisburg); Geisinger- Lewistown Hospital; Lebanon VA Medical Center; Lehigh Valley Health ( Allentown); Meritus Health (Hagerstown); Penn State Health- Holy Spirit Medical Center (Camp Hill), St. Joseph Medical Center (Reading); UPMC - Carlisle, Community Osteopathic, Harrisburg, Lititz, Memorial, Union Deposit, West Shore; WellSpan – Chambersburg Hospital, Ephrata Hospital, Gettysburg Hospital, Good Samaritan Hospital (Lebanon), Waynesboro Hospital, York Hospital and Imaging.