

# DIAGNOSTIC MEDICAL SONOGRAPHY A.A.S. (TP/SS): 530 ECHOCARDIOGRAPHY TRACK

Total Credits: 66  
Catalog Editions 15-16 through 16-17

Name:  Date:  ID #:

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation (EN 102/ENGL 102 or EN 109/ENGL 103)		3	
Math Foundation (MA 110/MATH 110 or higher)			
Speech Foundation	SP 108/ <b>COMM 108</b>	3	

GENERAL EDUCATION: DISTRIBUTION COURSES	Course	Hours	Grade
Arts or Humanities Distribution (ARTD or HUMD)			
Behavioral & Social Sciences Distribution (BSSD) †	PY 102/ <b>PSYC 102</b>	3	
Natural Sciences Distribution with Lab (NSLD)	BI 204/ <b>BIOL 212*</b>	4	
Natural Sciences Distribution with Lab (NSLD)	BI 205/ <b>BIOL 213</b>	4	

PROGRAM REQUIREMENTS	Course	Hours	Grade
(if needed for EN 102/ENGL 102 or EN 103/ENGL 103)	EN 101/ <b>ENGL 101†</b>	(3)	
(if needed for BI 204/BIOL 212 or BI 203/BIOL 210)	BI 107/ <b>BIOL 150</b>	(4)	
<small>(Requirement for admission into the Sonography program, PHYS 010 or higher is a prerequisite for MS 102/SONO 105)</small>	PH 010/ <b>PHYS 010</b>	(2)	
	HI 125/ <b>HINM 115</b>	2	
	HI 126/ <b>HINM 116</b>	2	
<b>DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM COURSES</b>	HI 135/ <b>HINM 120</b>	3	
<b>(TP/SS ONLY)</b>	MS 101/ <b>SONO 101</b>	3	
	MS 102/ <b>SONO 105</b>	2	
	MS 201/ <b>SONO 204</b>	3	
	MS 202/ <b>SONO 205</b>	2	
	MS 224/ <b>SONO 224</b>	1	
	MS 225/SONO 279/ <b>SONO 261</b>	1	
	MS 220/SONO 275/ <b>SONO 262</b>	1	
	MS 221/SONO 277/ <b>SONO 263</b>	2	
	MS 222/SONO 278/ <b>SONO 264</b>	4	
	MS 226/SONO 276/ <b>SONO 265</b>	1	
	MS 223/SONO 280/ <b>SONO 266</b>	4	
<b>VASCULAR TRACK (9 CREDIT HOURS)</b>	MS 211/ <b>SONO 229</b>	3	
	MS 215/ <b>SONO 245</b>	3	
	MS 218/ <b>SONO 248</b>	3	

**Note:** Students in this curriculum are required to achieve a grade of C or better in each sonography course and maintain current CPR certification while enrolled in the program. Total Credits:

† ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103.  
\* Students should check the prerequisite for BIOL 212

Students who plan to major in diagnostic medical sonography will be assigned the temporary major of pre-diagnostic medical sonography, with POS code 530, until they are officially admitted to the diagnostic medical sonography program. Students may take preparatory courses and courses that fulfill General Education requirements during the waiting period. As an alternative to being assigned a temporary major, students waiting for admission to the diagnostic medical sonography program may choose to major in general studies or any other open-admission program. The Admissions and Records Office at Takoma Park/Silver Spring will assign a matriculated code once students are admitted to the diagnostic medical sonography program.

This curriculum, accredited by the Commission on Accreditation of Allied Health Education Programs, requires a minimum of two years of didactic and clinical experience. It provides a foundation for graduates to become highly skilled in providing patient services using diagnostic ultrasound under the supervision of a physician in hospitals, offices, and other health care settings. Reflected ultrasound waves are utilized by the sonographer to display images on a video monitor of body tissues. The sonographer is responsible for performing the examinations, providing patient care, and recording anatomical, pathological, and/or physiological data for interpretation by the physician.

Admission requirements, including specific selection criteria, have been established by the Board of Trustees; see the Admissions and Registration section of this catalog.

Students need to meet prerequisites for first-semester courses. Each of the diagnostic medical sonography courses builds on materials offered in previous courses. Students in this curriculum are required to achieve a grade of C or better in each sonography course and maintain current CPR certification while enrolled in the program.

Upon completion of this curriculum, the graduate will receive an AAS and be eligible to apply to take the national registry exam, administered by the American Registry of Diagnostic Medical Sonographers, in one or more of the following specialties: abdominal sonography, breast sonography, obstetrics/gynecology sonography, adult echocardiography, pediatric echocardiography, or vascular sonography.

*See an advisor to submit an Application for Graduation the semester BEFORE you intend to graduate.*

***This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.***

*This degree is a career program and may not readily transfer to four year colleges/universities (except in special cases.) Visit transfer planning for more information.*