

Plan of Study Fall 2024 and Later.

3 MEDSONO- Associate of Applied Science – Diagnostic Medical Sonography

Pre-Requisites

Credit Hours

*BIOL 2301 & BIOL 2101	Anatomy & Physiology I Lecture & Lab	4
MATH 1314	College Algebra	3
*DMSO 1110	Introduction to Sonography	1
*SCIT 1420	Physics for Allied Health	4
	Or PHYS 1301 & PHYS 1101 College Physics lecture & Lab	

12 Hours

For Fall 2024 application period: BIOL 2301/BIOL 2101, DMSO 1110, and SCIT 1420 may be in progress at the time of application. If selected, the selection would be provisional provided the course is completed with a C or higher prior to program admission. *DMSO 1110, BIOL 2301/2101, SCIT 1420 must be taken within 5 years of the program admission date. BIOL 2404 cannot substitute BIOL 2301/2101.

1st Semester/Fall 2024

HPRS 1204	Basic Health Profession Skills – Sonography	2
DMSO 1251	Sonographic Sectional Anatomy	2
DMSO 1441	Abdominopelvic Sonography	4
DMSO 1302	Basic Ultrasound Physics	3

11 Hours

2nd Semester/Spring 2025

DMSO 1166	Practicum I	1
DMSO 2253	Sonography of Superficial Structures	2
DMSO 1342	Intermediate Ultrasound Physics	3
DMSO 2405	Sonography of Obstetrics/ Gynecology	4
ENGL 1301	Composition I	3

13 Hours

3rd Semester/Summer 2025

DMSO 1266	Practicum II	2
DMSO 1355	Sonographic Pathophysiology	3
DMSO 2343	Advanced Ultrasound Physics	3

8 Hours

4th Semester/Fall 2025

DMSO 1267	Practicum III	2
DMSO 2342	Sonography of High-Risk Obstetrics	3
DMSO 2351	Doppler Physics	3
DMSO 2245	Advanced Sonography Practices	2

10 Hours

5th Semester/Spring 2026

DMSO 2230	Advanced Ultrasound and Review	2
DMSO 1367	Practicum IV	3
PSYC 2301	General Psychology	3
X3XX	Language, Philosophy, and Culture (Humanities) or Creative Arts (Fine Arts)	3

11 Hours

Plan of Study Fall 2023 and earlier.

3 MEDSONO- Associate of Applied Science – Diagnostic Medical Sonography

Pre-Requisites		Credit Hours	
PSYC 2301	General Psychology	3	
ENGL 1301	Composition I	3	
BIOL 2404	Introduction to anatomy and physiology for health sciences or BIOL 2301 and 2101 Anatomy & Physiology Lecture & lab	4	
MATH 1314	College Algebra	3	
SPCH 1315	Public Speaking	3	
	or SPCH 1318 Interpersonal Communications		
X3XX	Language, Philosophy, and Culture (Humanities) or Creative Arts (Fine Arts)	3	
			19
1st Semester/Fall			
DMSO 1110	Introduction to Sonography	1	
HPRS 1204	Basic Health Profession Skills – Sonography	2	
DMSO 1251	Sonographic Sectional Anatomy	2	
SCIT 1420	Physics for Allied Health	4	
			9
2nd Semester/Spring			
DMSO 1441	Abdominopelvic Sonography	4	
DMSO 1166	Practicum I	1	
DMSO 1302	Basic Ultrasound Physics	3	
DMSO 2253	Sonography of Superficial Structures	2	
			10
3rd Semester/Summer			
DMSO 1266	Practicum II	2	
DMSO 2405	Sonography of Obstetrics/ Gynecology	4	
DMSO 1342	Intermediate Ultrasound Physics	3	
			9
4th Semester/Fall			
DMSO 1267	Practicum III	2	
DMSO 2342	Sonography of High Risk Obstetrics	3	
DMSO 2343	Advanced Ultrasound Physics	3	
DMSO 1355	Sonographic Pathophysiology	3	
			11
5th Semester/Spring			
DMSO 2230	Advanced Ultrasound and Review	2	
DMSO 1367	Practicum IV	3	
DMSO 2245	Advanced Sonography Practices	2	
			7
			AAS Total Credit Hours 65