

MEDICAL IMAGING, DIAGNOSTIC MEDICAL SONOGRAPHY, ASSOCIATE OF APPLIED SCIENCE



Plan of Study

3MED-SONO

Prerequisites		Credits
BIOL 2301 & BIOL 2101	Anatomy and Physiology I (Lecture) and Anatomy and Physiology I (Lab) ¹	4
MATH 1314	College Algebra ²	3
SCIT 1420 or PHYS 1301 and PHYS 1101	Physics for Allied Health or College Physics I (lecture) and College Physics I (lab)	4
DMSO 1110	Introduction to Sonography ³	1
Credits		12
First Term		
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
Credits		11
Second Term		
DMSO 1166	Practicum I - Diagnostic Medical Sonography	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
Credits		13
Third Term		
DMSO 1266	Practicum II - Diagnostic Medical Sonography	2

DMSO 1355	Sonographic Pathophysiology	3
DMSO 2343	Advanced Ultrasound Physics	3
Credits		8
Fourth Term		
DMSO 1267	Practicum III - Diagnostic Medical Sonography	2
DMSO 2342	Advanced Obstetric Sonography	3
DMSO 2245	Advanced Sonography Practices	2
DMSO 2351	Doppler Physics	3
Credits		10
Fifth Term		
DMSO 2230	Advanced Ultrasound and Review	2
DMSO 1367	Practicum IV - Diagnostic Medical Sonography	3
PSYC 2301	General Psychology	3
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3
Credits		11
Total Credits		65

Capstone Experience: DMSO 1367 Practicum IV - Diagnostic Medical Sonography

¹ For credit earned in a required biology course to be applied to the Diagnostic Medical Sonography program, credit must have been earned within five (5) years of the first term in which the student enrolls in the program and with an earned grade of a C or above.

² Higher level math such as Calculus may be evaluated for possible substitution if a student was placed out of College Algebra. Substitutions must be approved by the Department Chair and Dean of Health and Natural Sciences.

³ For credit earned in DMSO 1110 Introduction to Sonography to be applied to the Diagnostic Medical Sonography program, credit must have been earned within five (5) years of the first term in which the student enrolls in the program and with an earned grade of a C or above.

Students must earn a C or better in all Diagnostic Medical Sonography (DMSO) and all science courses; the student will not be permitted to continue or to graduate from the program until that course has been repeated and a grade of C or above has been earned.