

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 ¹ or College Physics I (lecture) and College Physics I (lab)	4
DMSO 1110	Introduction to Sonography ³	1
Credits		12
First Year		
First Term		
RADR 1303	Patient Care	3
HPRS 1106	Essentials of Medical Terminology	1
DMSO 1441	Abdominopelvic Sonography	4
DMSO 1251	Sonographic Sectional Anatomy	2
DMSO 1302	Basic Ultrasound Physics	3
Credits		13
Second Term		
DMSO 1342	Intermediate Ultrasound Physics	3
DMSO 1166	Practicum I - Diagnostic Medical Sonography	1
DMSO 2405	Sonography of Obstetrics/Gynecology	4
DMSO 2253	Sonography of Superficial Structures	2
ENGL 1301	Composition I	3
Credits		13

Summer Year One Term

DMSO 1266	Practicum II - Diagnostic Medical Sonography	2
DMSO 1355	Sonographic Pathophysiology	3
DMSO 2243	Advanced Ultrasound Physics	2
Credits		7

Second Year

First Term

DMSO 1267	Practicum III - Diagnostic Medical Sonography	2
DMSO 2342	Advanced Obstetric Sonography	3
DMSO 2351	Doppler Physics	3
DMSO 2245	Advanced Sonography Practices	2
Credits		10

Second Term

DMSO 2230	Advanced Ultrasound and Review	2
DMSO 2266	Practicum IV - Diagnostic Medical Sonography/Sonographer	2
PSYC 2301	General Psychology	3
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3
Credits		10
Total Credits		65

Capstone Experience: DMSO 2266 Practicum IV - Diagnostic Medical Sonography/Sonographer

¹ For credit earned in a required biology or physics 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 Nursing and Imaging

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 plan of study 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.