

# DIAGNOSTIC MEDICAL SONOGRAPHY, ASSOCIATE OF APPLIED SCIENCE

**Note:** In order for the Diagnostic Medical Sonography students to remain in the program, a grade of "C" or better is required in all courses of the DMS Program.

## Plan of Study

Course	Title	Hours
<b>Prerequisite Semester</b>		
BIOL 2301	Anatomy and Physiology I (CORE)	3
MATH X3XX Mathematics Elective (CORE)		3
PHYS 1315	Physical Science I (CORE)	3
PHYS 1115	Physical Science I Laboratory	1
ENGL 1301	Composition I (CORE)	3
DMSO 1210	Introduction to Sonography	2
<b>Hours</b>		<b>15</b>
<b>First Semester</b>		
BIOL 2302	Anatomy and Physiology II (CORE)	3
PHIL 2306	Introduction to Ethics	3
DMSO 1201	Techniques of Medical Sonography	2
DMSO 1202	Basic Ultrasound Physics	2
DMSO 1260	Clinical - DMS/Sonographer and US Technician	2
<b>Hours</b>		<b>12</b>
<b>Second Semester</b>		
DMSO 1242	Intermediate Ultrasound Physics	2
DMSO 1341	Abdominopelvic Sonography	3
DMSO 2305	Sonography of Obstetrics/Gynecology	3
DMSO 1261	Clinical - DMS/Sonographer and US Technician	2
<b>Hours</b>		<b>10</b>
<b>Third Semester</b>		
DMSO 1262	Clinical - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	2
<b>Hours</b>		<b>2</b>
<b>Fourth Semester</b>		
DMSO 1263	Clinical - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	2
<b>Hours</b>		<b>2</b>
<b>Fifth Semester</b>		
DSVT 1103	Introduction to Vascular Technology	1
DMSO 2242	Advanced Obstetrics Sonography	2
DMSO 1355	Sonographic Pathophysiology	3
DMSO 2260	Clinical - DMS/Sonographer and US Technician	2
<b>Hours</b>		<b>8</b>
<b>Sixth Semester</b>		
PSYC 2314	Life Span Growth and Development	3
DMSO 2253	Sonography of Superficial Structures	2
DMSO 2245	Advanced Sonography Practices	2
DMSO 2230	Advanced Ultrasound and Review <sup>1</sup>	2
DMSO 2261	Clinical - DMS/Sonographer and US Technician	2
<b>Hours</b>		<b>11</b>
<b>Total Hours</b>		<b>60</b>

<sup>1</sup> **Capstone Experience:** DMSO 2230 Advanced Ultrasound and Review is a course taught in the last semester. The learning experiences in this course result in a consolidation of a student's educational experience. The student will be required to complete a comprehensive examination with a satisfactory score prior to completion of this class.