

**DIAGNOSTIC MEDICAL SONOGRAPHY AAS DEGREE
PROGRAM OUTLINE**

MOD ULES	MODULES NAME	COURSES NAME	COURSE TITLE	LECT. CLOCK HOURS	LAB. CLOCK HOURS	CLINIC CLOCK HOURS	TOTAL IN CLASS HOURS	OUTSIDE CLOCK HOURS	TOTAL CREDITS HOURS
1	GENERAL EDUCATION	Medical Terminology/ composition	DMS-1.1	48.00	00.00	00.00	48.00	24.00	3.0
		Medical Ethics, Medical Law, and Communications Skills, Patient Care	DMS-1.2	48.00	00.00	00.00	48.00	24.00	3.0
	PRE- REQUISITE COURSES	Algebra, Basic Mathematics, General Physics	DMS-1.3	48.00	00.00	00.00	48.00	24.00	3.0
		General Anatomy, Physiology and Pathology	DMS-1.4	90.00	0.0	00.00	90.00	45.00	6.0
2	ABDOMINAL ULTRASOUND	Ultrasound Physics-I	DMS-2.1	56.00	0.0	00.00	56.00	28.00	3.5
		Abdominal Vasculature Peritoneal Cavity	DMS-2.2	48.00	48.00	00.00	96.00	36.00	4.5
		Liver	DMS-2.3	48.00	48.00	00.00	96.00	36.00	4.5
		Ultrasound Physics-II	DMS-2.4	48.00	00.00	00.00	48.00	24.00	3.0
		Gallbladder, Biliary Tree	DMS-2.5	40.00	40.00	00.00	80.00	30.00	3.5
		Pancreas	DMS-2.6	40.00	40.00	00.00	40.00	30.00	3.5
		Spleen	DMS-2.7	32.00	32.00	00.00	64.00	24.00	3.0
3	UROGENITAL ULTRASOUND	Ultrasound Physics-III	DMS-3.1	56.00	00.00	00.00	56.00	28.00	3.5
		Urinary Tract	DMS-3.2	48.00	48.00	00.00	96.00	36.00	4.5
		Male Genital and Superficial Structure	DMS-3.3	36.00	36.00	00.00	72.00	28.00	3.5
4	OBSTETRICAL AND GYNECOLOGI CAL ULTRASOUND	Ultrasound Physics-IV	DMS-4.1	56.00	00.00	00.00	56.00	28.00	3.5
		Gynecology	DMS-4.2	48.00	48.00	00.00	96.00	36.00	4.5
		Obstetrics	DMS-4.3	48.00	48.00	00.00	96.00	36.00	4.5
		Breast	DMS-4.4	48.00	48.00	00.00	96.00	36.00	4.5
5	VASCULAR TECHNOLOGY	Ultrasound Physics-V	DMS-5.1	48.00	00.00	00.00	48.00	24.00	3.0
		Cerebral and Upper extremity Vessels	DMS-5.2	32.00	48.00	00.00	80.00	28.00	3.5
		Abdominal Vessels	DMS-5.3	16.00	24.00	00.00	40.00	14.00	1.5
		Lower Extremity Vessels	DMS-5.4	32.00	48.00	00.00	80.00	28.00	3.5
6	CARDIAC ULTRASOUND	Cardiac Fundamentals, Principles of Cardiac Pharmacology	DMS-6.1	24.00	36.00	00.00	60.00	21.00	2.5
		Pathological Mechanism and Non-Invasive Diagnostic Tests	DMS-6.2	24.00	36.00	00.00	60.00	21.00	2.5
		Hemodynamics and Practical Application	DMS-6.3	24.00	36.00	00.00	60.00	21.00	2.5
		Disease State Identification	DMS-6.4	24.00	36.00	00.00	60.00	21.00	2.5
7	CLINICAL EXTERNSHIP	Externships	DMS-7.1	0.00	0.00	480.0	00.00	00.00	10.5
TOTAL				1110.00	700.00	480.00	2290.00	731.00	101.00