

# MEDICAL SCIENCES- DIAGNOSTIC SONOGRAPHY EMPHASIS REQUIREMENTS (BS)

Students in this program will earn a Bachelor of Science degree in Medical Sciences with an emphasis in Diagnostic Sonography. In the first two years of the program, students will complete program admission prerequisites and degree requirements to earn the Associate of Arts and Science degree at the College of Integrated Studies (60 credits). Upon admission to the clinical program, the next four semesters of study will be completed on site at a partner hospital with a study program accredited by the Commission on Accreditation of Allied Health Programs (CAAHEP) (65 credits). Graduates are then eligible to apply for the national certification examinations by the American Registry for Diagnostic Medical Sonographers (ARDMS).

Students are required to have an overall GPA of 2.5 on a 4-point scale for all pre-clinical coursework to be admitted to the sonography concentration. In addition, a minimum of "C" grades must be earned in each prerequisite course which includes all courses listed below.

Code	Title	Units
<b>Program Requirements - 65 units</b>		
MED 310	FOUNDATIONS OF SONOGRAPHY	3
MED 311	SONOGRAPHY IN PATIENT CARE	3
MED 312	ABDOMINAL SONOGRAPHY I	2
MED 318	SONOGRAPHY PRACTICUM I	4
MED 360	SONOGRAPHY PRINCIPLES & INSTRUMENTATION	3
MED 361	OBSTETRICS AND GYNECOLOGY SONOGRAPHY I	2
MED 362	ABDOMINAL SONOGRAPHY II	2
MED 368	SONOGRAPHY PRACTICUM II	3
MED 369	SONOGRAPHY CLINICAL LAB I	6
MED 410	VASCULAR SONOGRAPHY I	2
MED 417	SONOGRAPHY PRINCIPLES & INSTRUMENTATION REGISTRY REVIEW	2
MED 418	SONOGRAPHY PRACTICUM III	3
MED 419	SONOGRAPHY CLINICAL II	5
MED 460	VASCULAR SONOGRAPHY II	2
MED 461	OBSTETRICS AND GYNECOLOGY SONOGRAPHY II	2
MED 468	SONOGRAPHY PRACTICUM IV	2
MED 469	SONOGRAPHY CLINICAL III	6
MED 486	ABDOMINAL AND OB/GYN SONOGRAPHY REGISTRY REVIEW	2
MED 487	VASCULAR TECHNOLOGY REGISTRY REVIEW	2
MED 488	SONOGRAPHY PRACTICUM V	3
MED 489	SONOGRAPHY CLINICAL IV	6
<b>Total Units</b>		<b>65</b>

Code	Title	Units
<b>Unique Requirements</b>		
BIO 105	MEDICAL TERMINOLOGY	1
BIO 121	FOUNDATIONS OF BIOLOGICAL SCIENCES I	5
BIO 285	ANATOMY AND PHYSIOLOGY	4
BIO 286	ANATOMY AND PHYSIOLOGY	4
BIO 310	PATHOPHYSIOLOGY	3
CHE 125	INTRODUCTORY CHEMISTRY	5
CTA 103	INTRODUCTION TO PUBLIC SPEAKING	3
MAT 117	ELEMENTARY STATISTICS	3
PSY 202	INTRODUCTORY PSYCHOLOGY	3
PSY 250	LIFE SPAN DEVELOPMENTAL PSYCHOLOGY	3
<b>Total Units</b>		<b>34</b>

Licensure Requirements are satisfied by students' completion of the program curriculum and successful completion of the registry exam (boards) offered by the American Registry for Diagnostic Medical Sonography (ARDMS).