



**DIAGNOSTIC MEDICAL SONOGRAPHY
ASSOCIATE OF APPLIED SCIENCE DEGREE**

TRANSFER INSTITUTION(S):

ADVISING WORKSHEET 2024-2025

Name _____

Student ID _____

Jacket Student Central
Phone: 406-247-3019
Fax: 406-247-3095

Course	Credits	Grade	Semester	Equivalent
Recommended Preparatory Courses				

Required Preparatory Courses				

Diagnostic Medical Sonography Prerequisites				
BIOH	201	Human Anatomy & Physiology I	3	
BIOH	202	Human Anatomy & Physiology I Lab	1	
M	114	Extended Technical Mathematics	3	
or				
M	121	College Algebra		
PHSX	103	Our Physical World	3	
WRIT	121	Intro to Technical Writing		
or				
WRIT	122	Intro to Business Writing	3	

Students are chosen into the core Diagnostic Medical Sonography program based on a competitive application process. All prerequisite courses need to be completed by the end of the Spring semester to be eligible to apply to the core program, which is a Fall semester start only. Students must have a minimum overall grade point average (GPA) of 2.0 and a grade of “C” (2.0) or better in all prerequisite courses. Please refer to www.msubillings.edu/citycollege/programs/ProgDiagnosticMedicalSonography-AAS.htm or check with an Academic Advisor for details.

Required Courses				
AHMS	144	Medical Terminology	3	
BIOH	211	Human Anatomy & Physiology II	3	
BIOH	212	Human Anatomy & Physiology II Lab	1	
COMX	106	Communicating in a Dynamic Workplace	3	
AHUS	100	Introduction to Sonography	3	
AHUS	101	DMS Principles & Instruments	3	

AHUS	102	Abdominal Sonography	3			
AHUS	103	OB/Gyn Sonography I	3			
AHUS	104	Clinical Experience I	5			
AHUS	104A	Sonography Intersession I	1			
AHUS	105	Clinical Experience II	5			
AHUS	110	Practical Aspect of Sonography	2			
AHUS	111	Sonography Scan Lab	1			
AHUS	112	SPI Registry Review	1			
AHUS	203	OB/Gyn Sonography II	3			
AHUS	204	Sonography Intersession II	1			
AHUS	204A	Clinical Experience III	5			
AHUS	205	Clinical Experience IV	5			
AHUS	206	Small Parts & Ped Sonography	3			
AHUS	207	Vascular Sonography	3			
AHUS	208	Abdomen Registry Review	1			
AHUS	210	OB/Gyn Registry Review	1			

TOTAL MINIMUM CREDITS REQUIRED FOR DEGREE 72
A grade of "C" (2.0) or higher is mandatory in all course requirements

Suggested Plan of Study

Prerequisite Courses	Credits	First Semester (Fall)	Credits
BIOH 201	3	AHMS 144	3
BIOH 202	1	AHUS 100	3
M 114 or M 121	3	AHUS 102	3
PHSX 103	3	AHUS 111	3
WRIT 121 or WRIT 122	<u>3</u>	BIOH 211	3
TOTAL	13	BIOH 212	<u>1</u>
		TOTAL	14

Second Semester (Spring)

AHUS 104A (Intersession)	1
AHUS 101	3
AHUS 103	3
AHUS 104	5
AHUS 110	<u>2</u>
TOTAL	14

Third Semester (Summer)

AHUS 105	5
AHUS 112	<u>1</u>
TOTAL	6

Fourth Semester (Fall)

AHUS 203	3
AHUS 204A	5
AHUS 206	3
AHUS 208	<u>1</u>
TOTAL	12

Fifth Semester (Spring)

AHUS 204 (Intersession)	1
AHUS 205	5
AHUS 207	3
AHUS 210	1
COMX 106	<u>3</u>
TOTAL	13

Transcript evaluation (if applicable) completed by: _____ on _____

Program Overview

- The Sonography Program is a 5 semester, 21-month Associate of Applied Science (AAS) program with a minimum of 1600 clinical hours.
- The program involves online didactic and on campus scan lab for Semester 1, then students are assigned clinical sites for their remaining semesters (i.e.: 2, 3, 4 & 5).
- For semesters 2-5, didactics continue online and the students are assigned to off campus clinical sites at medical facilities around the region, returning to campus for a one weekend clinical conference near the end of each semester. This schedule accommodates working professionals and the use of the lab/classroom by the medical radiography students during the week (M-F).
- After completing the program, students are eligible to sit for the national registry exams in Sonography offered by the American Registry of Radiologic Technologists (ARRT) and/or the American Registry of Diagnostic Medical Sonographers (ARDMS).
- Passage of the Sonography Principles and Instrumentation exam and any specialty exam (ABD) and/or (OB/GYN) qualifies the individual as a Registered Diagnostic Medical Sonographer (RDMS). You can contact the ARDMS at (301) 738-8401 or check their website at www.ardms.org (<http://www.ardms.org/>) to find out more about clinical and certification requirements.
- Upon passing the American Registry of Radiologic Technologists (ARRT) Sonography exam, the individual is qualified to use the RT(S), A.R.R.T credential after their name. Call the ARRT at (651) 687-0048 or check the website at www.arrt.org (<http://www.arrt.org/>) to find out more information about certification.
- Other program information including the competitive application process can be found at www.msubillings.edu/citycollege/programs/ProgDiagnosticMedicalSonography-AAS.htm.