



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

TRANSFER INSTITUTION(S):

ADVISING WORKSHEET 2023-2024

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 or M	114 121	Extended Technical Mathematics College Algebra	3	
PHSX	103	Our Physical World	3	
WRIT or WRIT	121 122	Intro to Technical Writing Intro to Business Writing	3	

Students are chosen for the clinical portion of the Diagnostic Medical Sonography program based on a competitive application process. The clinical portion is a Fall semester start. For the Fall 2023 application only, students must have all prerequisite requirements successfully completed by the end of the Spring semester or be in progress of the last 7 remaining prerequisite credits in the Summer to be eligible to apply to the Fall 2023 Diagnostic Medical Sonography program. After the 2023 application, all prerequisite courses need to be completed by the end of the Spring semester. 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.