

**Medical Imaging
Bachelor of Health Science (B.H.S.)
2023-2024**

Program Admission Requirements:

	Associate’s degree or higher in a healthcare program from an approved Allied Health program. The following are examples of acceptable health care programs: <ul style="list-style-type: none"> • Respiratory Therapy • Radiologic Technology • Physical Therapist Assistant • Occupational Therapy Assistant
	Provide documentation that you are credentialed, licensed, or registered in a healthcare profession.
	You must have a cumulative GPA of 2.50 and Washburn GPA of 2.25 (if applicable) on a 4.00 scale.

Completed Certificate from one of the following:

	Diagnostic Medical Sonography – Cardiac
	Diagnostic Medical Sonography – General
	Diagnostic Medical Sonography – Vascular

Required Course: 3 credit hours:

	AL 320 Human Disease
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Required Related Courses for Major: 9 credit hours in the department, please choose from the following:

	AL 366 Legal & Regulatory Issues for the Health Care Professional
	AL 367 Foundations of Quality Improvement in Health Care
	AL 375 Health Care Policy
	AL 399 Health Information Systems
	AL 400 Supervisory Practices for the Health Care Professional
	AL 405 Financial Issues in Health Care I
	AL 406 Financial Issues in Health Care II
	AL 420 Current Issues in Health Care
	AL 450 Application of Quality Improvement in Health Care
	AL 460 Research in Health Care

General Education Requirements (BHS):

Humanities (9) (GEHU/GECPA) (Max 6 hours/ discipline)	Course Number	Social Sciences (9) (GESS) (Max 6 hours/ discipline)	Course Number	Natural Sciences/ Mathematics (9) (GENS) (Max 8 Hours or 2 Courses/Discipline)	Course Number
Fine Arts (3)		Soc. Science 1 (3)		Nat. Science 1 (3-5)	
Humanities 1 (3)		Soc. Science 2 (3)		Nat. Science 2 (3-5)	
Humanities 2 (3)		Soc. Science 3 (3)		Nat. Science 3 (3-5)	

Core University/BHS-Specific Requirements:

WU 101 (3)*		Total Hours (≥ 120)	
EN 101 (3)		Upper Division (300 and above) (45)	
EN 300 (3)		≥ 2.0 Major Cumulative GPA	
MA 112 or MA 116 (3)**		≥ 2.0 Overall Cumulative GPA	
Completed Allied Health Certification		Completed Allied Health Associate Degree	

**Students transferring with 30 or more credit hours completed at an accredited post-secondary institution (after graduating from High School) with a GPA of 2.0 or higher are exempt from this requirement*

***May be waived if student successfully completes a higher-level mathematics course with a grade of C or higher or if a student presents an ACT score in mathematics of at least 28 (SAT of at least 640)*

**Sample 4-Year Schedule for Medical Imaging Major
Bachelor of Health Science
Including Completion of Associate of Science in Respiratory Therapy &
Diagnostic Medical Sonography Certificate - Cardiac
133 Hours**

Curriculum for students starting 2023-2024 Academic Year
Students starting in different academic years should contact their advisor.

Summer Session			
BI 100 – Introduction to Biology	3		
TOTAL	3		
Freshman			
Fall Semester		Spring Semester	
WU 101 – Washburn Experience	3	Soc. Sci. General Education	3
EN 101 – First Year Writing	3	CN 101 – Principles of Communication or CN 150 – Public Speaking	3
MA 112 or MA 116 – Contemp. College Mathematics or College Algebra	3	AL 187 – Respiratory Therapy Clinical	3
AL 185 – Principles of Respiratory Therapy	2	AL 315 – Allied Health Pharmacology	3
BI 250 – Intro to Human Anatomy	3	BI 230 – Intro to Human Physiology	3
AL 101 – Foundations in Health Care	3		
TOTAL	17	TOTAL	15
Summer Session			
AL 186 – Cardiopulmonary Assessment in Allied Health	2		
AL 289 – Respiratory Therapy Clinical II	5		
TOTAL	7		
Sophomore			
Fall Semester		Spring Semester	
AL 291 – Respiratory Therapy Principles and Procedures I	3	Soc. Sci. General Education	3
AL 292 – Respiratory Therapy Principles and Procedures II	5	AR/MU/TH General Education	3
AL 293 – Respiratory Therapy Clinical III	5	AL 294 – Respiratory Therapy Topics II	3
AL 382 – Cardiovascular Monitoring and Scanning	3	AL 295 – Respiratory Therapy Clinical V	5
		AL 296 – Respiratory Therapy Topics III	3
TOTAL	16		17
Completion of Associate of Science Major: Respiratory Therapy	75 hours		

WASHBURN UNIVERSITY – SCHOOL OF APPLIED STUDIES

Junior		Senior	
Fall Semester		Spring Semester	
AL 300 – Intro to Diagnostic Medical Sonography	3	AL 331 – Sonography Principles & Instrumentation II	3
AL 330 – Sonography Principles & Instrumentation I	3	AL 384 - Cardiac Procedures II	3
AL 383 – Cardiac Sonography Procedures I	3	AL 386 – Cardiac Sonography Clinical II	6
AL 385 – Cardiac Sonography Clinical I	6		
TOTAL	15	TOTAL	12
Summer Semester			
AL 332 – Sonography Principles, Instrumentation III, & Registry Review	2		
AL 387 – Cardiac Sonography Clinical III	3		
AL 388 – Cardiac Procedures III & Registry Review	2		
TOTAL	7		
Completion of Diagnostic Medical Sonography Certificate	34 hours		
Major: Cardiac Sonography			
Senior Plus			
Fall Semester		Spring Semester	
EN 300 – Advanced College Writing	3	Natural Science General Education	3
BHS Major Course	3	Soc. Sci. General Education	3
Humanities General Education	3	BHS Major Course(s)	6
Natural Science General Education	3		
TOTAL	12	TOTAL	12
Completion of Bachelor of Health Science	24 hours		
Major: Medical Imaging			