

**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"> <li>• Respiratory Therapy</li> <li>• Radiologic Technology</li> <li>• Physical Therapist Assistant</li> <li>• Occupational Therapy Assistant</li> </ul>
	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 ( $\geq 120$ )	
EN 101 (3)		Upper Division (300 and above) (45)	
EN 300 (3)		$\geq 2.0$ Major Cumulative GPA	
MA 112 or MA 116 (3)**		$\geq 2.0$ 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 Physical Therapy Assistant &  
Diagnostic Medical Sonography Certificate-Cardiac  
128 Hours**

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

<b>Summer Session</b>			
BI 100 – Introduction to Biology	3		
BI 101 – Introduction to Biology Lab	2		
<b>TOTAL</b>	<b>5</b>		
<b>Freshman</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
WU 101 – Washburn Experience	3	AL 171 – Musculoskeletal Assessment in Physical Therapy	3
EN 101 – First Year Writing	3	AL 261 – Therapeutic Modalities in Physical Therapy	3
AL 170 – Physical Therapy Procedures	3	BI 230 – Human Physiology	3
BI 275 – Human Anatomy and Lab	4	KN 321 - Kinesiology	3
AL 101 – Foundations in Health Care	3	AL 320 – Human Disease	3
IL 170 – Library Research Strategies	1		
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>15</b>
<b>Sophomore</b>			
<b>Summer Session</b>			
AL 271 – Health Policy and Systems in Physical Therapy	2		
AL 268 – Integumentary Assessment in Physical Therapy	2		
AL 264 – Clinical Affiliation I	3		
<b>TOTAL</b>	<b>7</b>		
<b>Fall Semester</b>		<b>Spring Semester</b>	
Soc. Sci. General Education	3	Soc. Sci. General Education	3
Humanities General Education	3	MA 112 or MA 116 – Comtemp. College Mathematics or College Algebra	3
AL 186 – Cardiopulmonary Assessment in Allied Health	2	AL 279 – Physical Therapy Clinical II/III	6
AL 265 – Applied Neurophysiology	3	AL 273 – Physical Therapy Issues	1
AL 272 – Current Topics in Physical Therapy	2		
<b>TOTAL</b>	<b>13</b>		<b>13</b>
<b>Completion of Associate of Science Major: Physical Therapy Assistant</b>	<b>70 hours</b>		

WASHBURN UNIVERSITY – SCHOOL OF APPLIED STUDIES

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