

**Medical Imaging
Bachelor of Health Science (B.H.S.)
2020-2021**

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
	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 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 Radiologic Technology & Diagnostic Medical
Sonography Certificate-Cardiac Sonography**

131 Hours

Curriculum for students starting 2020-2021 Academic Year

Students starting in different academic years should contact their advisor.

Summer Session			
BI 100 – Introduction to Biology	3		
BI 101 – Introduction to Biology Lab	2		
TOTAL	5		
Freshman			
Fall Semester		Spring Semester	
WU 101 – Washburn Experience	3	BI 230/255 – Human Physiology	3/4
EN 101 – First Year Writing	3	MA 116 – College Algebra	3
BI 250/275 – Human Anatomy	3/4	Soc. Sci. General Education	3
Soc. Sci. General Education	3	CN 150 – Public Speaking or CN 101 – Principles of Communication	3
AR/MU/TH General Education	3		
TOTAL	15/16	TOTAL	12/13
Sophomore			
Fall Semester		Spring Semester	
AL 101 – Foundations in Health Care	3	AL 121 – Radiographic Procedures and Patient Care II	3
AL 120 – Radiographic Procedures and Patient Care I	3	AL 121A – Radiographic Procedures and Patient Care II Lab	0
AL 120A – Radiographic Procedures and Patient Care I Lab	0	AL 131 – Radiographic Exposure II	3
AL 130 – Radiographic Exposure I	3	AL 131A – Radiographic Exposure II Lab	0
AL 130A – Radiographic Exposure I Lab	0	AL 135 – Radiology Clinical II	3
AL 134 – Radiology Clinical I	3	AL 320 – Human Disease	3
TOTAL	12		12
Summer Session			
AL 231 – Radiation Protection and Biological Effect	2		
AL 236 – Radiology Clinical III	3		
TOTAL	5		
Junior			
Fall Semester		Spring Semester	
AL 220 – Radiographic Procedures III	2	AL 238 – Radiology Clinical V	4
AL 230 – Radiographic Equipment Operation	2	AL 321 – Advanced Radiographic Procedures	2
AL 237 – Radiology Clinical IV	4	*Humanities General Education	3
*IL 170 – Library Research Strategies	1	*Natural Science General Education	3
*Soc. Sci. General Education	3		
TOTAL	12	TOTAL	12
Completion of Associate of Science Major: Radiologic Technology	73-85 hours		

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 Procedures Sonography 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 Major: Cardiac Sonography	34 hours		
Senior Plus			
Fall Semester			
EN 300 – Advanced College Writing	3		
Allied Health Upper Division Electives*	9		
TOTAL	12		
Completion of Bachelor of Health Science Major: Medical Imaging			

*Only recommended if pursuing the BHS

*Allied Health Upper Division Electives must be chosen from the following:

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| AL 366 – Legal & Regulatory Issues | AL 405 – Financial Issues in Health Care |
| AL 367 – Health Care Quality Improvement | AL 420 – Current Issues in Health Care |
| AL 375 – Health Care Policy | AL 450 – Knowledge Management |
| AL 399 – Health Information Systems | AL 460 – Research in Health Care |
| AL 400 – Supervisory Practices | AL 480- Seminar in Health Care |