

Northwest Missouri State University
Department of Natural Sciences
Echocardiography
Comprehensive Major – No Minor Required
Bachelor of Science

Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-116 OR	Mathematical Modeling OR	Precalculus Algebra: An	3	1
17-118	Precalculus Algebra	ACT Math Score of 22 or		
		higher OR a score of PASS		
		on the NW Algebra Review		
		OR concurrent with		
		Strategies for Precalculus		
		Algebra		
04-102/103	General Biology & Lab		4	1
77-101	University Seminar		1	
10-111	Composition I		3	
24-114/115	General Chemistry I & Lab		4	General Chemistry &
				Lab should be considered
				prior to General
				Chemistry I & Lab if a
				rigorous high school
				Chemistry background is
				absent or lack proficiency
				in high school Algebra
		Total Hours	15	m mgm sensor / mgesra
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-140	General Microbiology	General Biology & Lab OR	4	(a)
	General Wilerobiology	Principles of Biology & Lab	7	
		AND General Chemistry &		
		Lab OR General Chemistry		
		I & Lab		
10-112	Composition II	Composition I	3	
39-276	Biomedical Ethics		3	Check with advisor as
				other Ethics courses may
				be substituted
34-102	Intro to American Government		3	
	Fine Art		3	
		Total Hours	16	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-104	Medical Terminology		3	Recommended to take
			3	during Summer Trimester
Total Hours				

= a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

= a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

I = a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

= a milestone courses taken in final year to complete degree requirements.



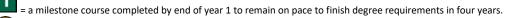
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Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-236	Anatomy Allied Health	General Biology & Lab OR Principles of Biology & Lab AND General Chemistry & Lab OR General Chemistry I & Lab	4	Must be taken no later than fall preceding application submission.
25-110/111	General Physics I & Lab	Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I	4	2
29-102	Fundamentals of Oral Communication		3	
08-103	General Psychology		3	
	Digital Literacy		3	
Total Hours			17	
Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-238	Physiology Allied Health	General Biology & Lab OR Principles of Biology & Lab AND General Chemistry & Lab OR General Chemistry I & Lab	4	2
10-220	Intro to Literature		3	
35-101	General Sociology		3	
	Humanities		3	
	American Experience		3	
Total Hours				

Terms 6 - 9

Radiologic Technology Courses – The remaining coursework will be completed at St. Luke's College of Radiologic Technology, Research Medical Center or Mercy College of Health Science. The radiologic technology programs begin in June.

Upon completion of the 62 hours at St. Luke's, Research Medical Center or Mercy College of Health Science students may sit for their radiologic technology certification and receive their Bachelor of Science in Radiologic Sciences.



= a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

I = a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

= a milestone courses taken in final year to complete degree requirements.