Roadmap: Radiologic Imaging Sciences -
Magnetic Resonance Imaging for A.T.S. Radiologic Technology graduates -
Bachelor of Radiologic and Imaging Sciences Technology
RE-BRIT-RIS-MRHA
Regional College
Catalog Year: 2016-2017

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designed as critical (!) must be completed in the semester listed to ensure a timely graduation.

Critical	Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Attribute	Notes
Semester Prerequisite [66 Credits]						
Note: Students must have graduated from a hospital-based certificate program in radiologic technology; successfully completed the certification exam for the American Registry of Radiologic Technology; and earned the ATS degree in Radiologic Technology (32 semester credits will be awarded). A 2.750 overall GPA is required for this program.						
!	**Associate of Technical Studies in Radiologic Technology**	**32**				
	BSCI 10001 Human Biology	3			KBS	
	CHEM 10050 Fundamentals of Chemistry ***or*** CHEM 10055 Molecules of Life	3			KBS	
	COMT 11000 Introduction to Computer Systems ***or*** CS 10001 Computer Literacy ***or*** MIS 24053 Computer Applications	3				
	MATH 11009 Modeling Algebra ***or*** MATH 11010 Algebra for Calculus	3-4			KMC	
	PSYC 11762 General Psychology	3			DD/KSS	
	UC 10097 Destination Kent State: First Year Experience [1]	1				
	Kent Core Requirement	18				
Semester One [8 Credits]						
	General Electives [2]	8				
Semester Two [10 Credits]						
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Kent Core Requirement	4				
Semester Three [16 Credits]						
Note: Admission to Technical Study is required to enroll in RIS courses.						
!	**RIS 34084 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy I**	**2**	**C**	■		
!	**RIS 44003 Magnetic Resonance Imaging Clinical Education I**	**2**	**C**	■		
!	**RIS 44031 Patient Management in MRI**	**2**	**C**	■		
!	**RIS 44044 MRI Procedures I**	**2**	**C**	■		
!	**RIS 44051 Magnetic Resonance Equipment and Image Acquisition I**	**2**	**C**	■		
!	**RIS 44088 Leadership in Medical Imaging**	**1**	**C**	■		
!	**RIS 44096 Individual Investigation in Medical Imaging Directed Readings**	**3**	**C**	■		
	General Electives [2]	2				
Semester Four [14 Credits]						
!	**RIS 34086 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy II**	**2**	**C**	■		
!	**RIS 44045 Magnetic Resonance Imaging Procedures II**	**2**	**C**	■		
!	**RIS 44052 Magnetic Resonance Equipment and Image Acquisition II**	**2**	**C**	■		
!	**RIS 44063 Magnetic Resonance Imaging Clinical Education II**	**2**	**C**	■		
!	**RIS 44083 Pathophysiology for Medical Imaging**	**3**	**C**	■		
!	**RIS 44098 Research in Medical Imaging**	**3**	**C**	■	**ELR/WIC**	
Summer II [6 Credits]						
!	**RIS 44066 Magnetic Resonance Imaging Techniques**	**2**	**C**	■		
!	**RIS 44073 Magnetic Resonance Imaging Clinical Education III**	**1**	**C**	■		
	General Electives [2]	3				

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours 30000 – 40000 level course	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.750	2.000

1. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission.
2. Number of general elective credits required depends on meeting minimum 120 credit hours and 39 upper division hours.

Enrollment in RIS courses is limited to students accepted to technical study, which is a selective process based on program admission criteria listed in the program application packet found on the program website.

University Requirements: Bachelor's degree-seeking students must meet Kent Core (general education requirements), diversity, writing-intensive and experiential learning requirements. For more information about these requirements, please read the following sections in the University Catalog: Kent Core – www.kent.edu/catalog/kent-core; Diversity Course Requirement – www.kent.edu/catalog/diversity; Writing-Intensive Course Requirement – www.kent.edu/catalog/wic; Experiential Learning Requirement – www.kent.edu/catalog/elr.

Attribute Legend: **DD** Diversity–Domestic; **DG** Diversity–Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts: **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive