



**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: 2014-2015

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	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
<b>Semester Prerequisite [66 Credits]</b>							
<b>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 cumulative GPA is required for this program.</b>							
!	<b>Associate of Technical Studies in Radiologic Technology</b>	<b>32</b>					
	BSCI 10001 Human Biology	3				KBS	
	CHEM 10050 Fundamentals of Chemistry	3				KAD	
	COMT 11000 Introduction to Computer Systems <i>or</i> CS 10001 Computer Literacy <i>or</i> MIS 24053 Computer Applications	3					
	MATH 11009 Modeling Algebra <i>or</i> MATH 11010 Algebra for Calculus	3-4				KMC	
	PSYC 11762 General Psychology	3				DD/KSS	
	US 10097 Destination Kent State: First Year Experience <sup>1</sup>	1					
	Kent Core Requirement	18					
<b>Semester One [5 Credits]</b>							
	General electives	5					
<b>Semester Two [13 Credits]</b>							
	Kent Core Requirement	3					
	Kent Core Requirement	4					
	General Electives (3 credits must be upper division)	6					
<b>Semester Three [14 Credits]</b>							
<b>Note: Admission to Technical Study is required to enroll in RIS courses.</b>							
!	<b>RIS 34084 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy I</b>	<b>2</b>	■	C	■		
!	<b>RIS 44031 Patient Management in MRI</b>	<b>2</b>	■	C	■		
!	<b>RIS 44035 MRI Clinical Education I</b>	<b>3</b>	■	C	■		
!	<b>RIS 44044 MRI Procedures I</b>	<b>2</b>	■	C	■		
!	<b>RIS 44051 Magnetic Resonance Equipment and Image Acquisition I</b>	<b>2</b>	■	C	■		
	General Electives (upper division)	3	■				
<b>Semester Four [16 Credits]</b>							
!	<b>RIS 34086 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy II</b>	<b>2</b>	■	C	■		
!	<b>RIS 44036 MRI Clinical Education II</b>	<b>3</b>	■	C	■		
!	<b>RIS 44045 Magnetic Resonance Imaging Procedures II</b>	<b>2</b>	■	C	■		
!	<b>RIS 44046 Magnetic Resonance Imaging Techniques</b>	<b>1</b>	■	C	■		
!	<b>RIS 44052 Magnetic Resonance Equipment and Image Acquisition II</b>	<b>2</b>	■	C	■		
!	<b>RIS 44083 Pathophysiology for Medical Imaging</b>	<b>3</b>	■	C	■		
!	<b>RIS 44098 Research in Medical Imaging <sup>2</sup></b>	<b>3</b>	■	C	■	ELR/WIC	
<b>Second Summer Term [6 Credits]</b>							
!	<b>RIS 44037 MRI Clinical Education III</b>	<b>3</b>	■	C	■		
	General Electives (upper division)	3	■				

**Graduation Requirements Summary**

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.750	2.000

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
2. A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.

### University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	<b>Kent Core I. Composition</b> Enrollment based on placement test	Fulfilled in A.T.S. Radiologic Technology	fulfilled
KMC	<b>Kent Core II. Mathematics and Critical Reasoning</b> Enrollment based on placement test	Fulfilled in A.T.S. Radiologic Technology	fulfilled
KHU	<b>Kent Core III. Humanities</b> Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	Fulfilled in A.T.S. Radiologic Technology	fulfilled
KFA	<b>Kent Core IV. Fine Arts</b> Minimum one course from the fine arts; may fulfill diversity requirement	Fulfilled in A.T.S. Radiologic Technology	fulfilled
KFH	<b>Kent Core V. Humanities or Fine Arts</b> One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KSS	<b>Kent Core VI. Social Sciences</b> Must be selected from two curricular areas; may fulfill diversity requirement	Fulfilled in A.T.S. Radiologic Technology	fulfilled
KBS	<b>Kent Core VII. Basic Sciences</b> Must include one laboratory	3 credit hours fulfilled in A.T.S. Radiologic Technology	3-4
KAD	<b>Kent Core VIII. Additional</b> May fulfill diversity requirement	Fulfilled in A.T.S. Radiologic Technology	fulfilled
DD	<b>Domestic Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	PSYC 11762	fulfilled
DG	<b>Global Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	one course
ELR	<b>Experiential Learning Requirement</b> Either course or non-course experience approved by the appropriate faculty member	RIS 44098	fulfilled
WIC	<b>Writing-Intensive Course Requirement</b> Minimum C (2.000) grade	RIS 44098	fulfilled