

# Roadmap: Radiologic Imaging Sciences - Magnetic Resonance Imaging (with certification and ATS Radiologic Technology) - Bachelor of Radiologic Imaging Sciences Technology

[SA-BRIT-RIS-MRHA] Regional Campuses School of Health Sciences Catalog Year: 2009-2010

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes					
Prerequisite to Major: [32 Credit Hours]	Tiours	DIVISION	Grade						
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)									
Semester One: [13 Credit Hours]									
COMT 11000 Introduction to Computer Systems	3								
ENG 11011 College Writing I	3			Fulfills LER Composition					
PSYC 11762 General Psychology	3			Fulfills LER Social Sciences					
US 10097 Destination Kent State: FYE	1			Not required of transfer students with 25 credits					
General Elective (lower division)	3								
Semester Two: [12-13 Credit Hours]									
MATH 11009 Modeling Algebra (4) or MATH 11010 Algebra for Calculus (3)	3-4			Fulfills LER Mathematics and Critical Reasoning					
LER Humanities	3			Should fulfill diversity requirement; visit					
LER Social Sciences	3			www.kent.edu/catalog and search "LER" and "diversity" for course lists; LER Social Sciences					
General Elective (lower division)	3			cannot be a PSYC course					
Semester Three: [13 Credit Hours] CHEM 10031 Chemistry in Our World Laboratory or PHY 21041 Physics in Entertainment and Arts Laboratory	1			Fulfills LER Basic Sciences Laboratory; see RIS advisor before selecting course					
ENG 21011 College Writing II	3			Fulfills LER Composition					
LER Additional	3			Should fulfill diversity requirement; visit					
LER Basic Sciences	3			www.kent.edu/catalog and search "LER" and					
LER Fine Arts	3			"diversity" for course lists					
Semester Four: [15 Credit Hours]									
CHEM 10050 Fundamentals of Chemistry	3			Fulfills LER Basic Sciences					
LER Additional	3			Should fulfill diversity requirement if not					
LER Humanities or Fine Arts	3			satisfied earlier; visit www.kent.edu/catalog and					
General Electives (3 credits must be upper-division)	6			search "LER" and "diversity" for course lists					
Semester Five: [15 Credit Hours]									
Required: minimum 2.75 GPA and admittance to the pro-	ogram to	enroll in F	RIS course	es					
RIS 34084 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy I	2		С						
RIS 44031 Patient Management in MRI	3	-	С						
RIS 44035 MRI Clinical Education I	3	-	С						
RIS 44044 Magnetic Resonance Imaging Procedures I	2	-	С						
RIS 44051 Magnetic Resonance Equipment and Image Acquisition I	2	-	С						
General Elective (upper division)	3								



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Semester Six: [15 Credit Hours]				
RIS 34086 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy II	2		С	
RIS 44036 MRI Clinical Education II	3	-	С	
RIS 44045 Magnetic Resonance Imaging Procedures II	2	•	С	
RIS 44052 Magnetic Resonance Equipment and Image Acquisition II	2		O	
RIS 44083 Pathophysiology for Medical Imaging	3	•	C	
RIS 44098 Research in Medical Imaging	3	-	С	Fulfills writing-intensive course requirement
Summer III: [6 Credit Hours]				
RIS 44037 MRI Clinical Education III	3			
General Elective (upper division)	3			

**Graduation Requirements Summary** 

Minimum	Minimum Upper-	Liberal Education	Diversity Course	Writing-Intensive	Minimum	
Total Hours	Division Hours	Requirements Hours	Global / Domestic	willing-intensive	Major GPA	Overall GPA
121	39	36	LER or General Electives	RIS 44098	2.75	2.0

**Notes:** A post-secondary Magnetic Resonance Imaging certificate is available for those not wishing to complete all of the BRIT requirements. Students should contact the radiologic technology program director at the Salem Campus for advising. Students transferring credit must meet the 30 semester hour residency rule as stated in the Undergraduate Catalog.

#### Liberal Education Requirements (LER)

Students must complete a minimum 36 credit hours of Liberal Education Requirements. Colleges or degree programs may specify certain courses to fulfill the requirements. Courses in the students' major field will not count toward the completion of any LER. Honors equivalents shall satisfy the LER. None of the courses on the LER list may be taken with a pass/fail grade.

### **Diversity Course Requirement**

Students must complete a two-course diversity requirement, consisting of one with a domestic focus and one with a global focus. One course must be come from the LER and cannot be in the student's major. The second course may be taken as a second LER; or within a major or minor; or as a general elective; or, with dean's approval, by completing one semester of study in another country.

## Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade.

#### **Upper-Division Requirement**

In general, baccalaureate programs require the successful completion of at least 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.