KENT STATE UNIVERSITY

**Roadmap: Radiologic Imaging Sciences -
Diagnostic Medical Sonography for A.T.S. Radiologic Technology graduates -
Bachelor of Radiologic and Imaging Sciences Technology**
RE-BRIT-RIS-HATS
Regional College
Catalog Year: 2015-2016

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 cumulative 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	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	
	US 10097 Destination Kent State: First Year Experience [1]	1				
	Kent Core Requirement	18				
Semester One [11 Credits]						
	Kent Core Requirement	3				
	Kent Core Requirement	4				
	General electives (lower division)	4				
Semester Two [14 Credits]						
Note: Admission to Technical Study is required to enroll in RIS courses.						
!	**RIS 34040 Patient Management in Diagnostic Medical Sonography**	**3**	**C**	■		
!	**RIS 34042 Abdominal Sonography I**	**3**	**C**	■		
!	**RIS 34044 Ultrasound Physics and Instrumentation**	**3**	**C**	■		
!	**RIS 34045 Ultrasound Clinical Education I**	**2**	**C**	■		
!	**RIS 34083 Sectional Anatomy in Medical Imaging**	**3**	**C**	■		
Semester Three [16 Credits]						
!	**RIS 34052 Abdominal Sonography II**	**3**	**C**	■		
!	**RIS 34060 Ultrasound Clinical Education II**	**4**	**C**	■		
!	**RIS 34062 Obstetrics and Gynecology Sonography I**	**3**	**C**	■		
!	**RIS 44083 Pathophysiology for Medical Imaging**	**3**	**C**	■		
!	**RIS 44098 Research in Medical Imaging**	**3**	**C**	■	ELR/WIC	
Semester Four [7 Credits]						
!	**RIS 34065 Ultrasound Clinical Education III**	**1**	**C**	■		
!	**RIS 34082 Small Parts Sonography**	**1**	**C**	■		
!	**RIS 44055 Ultrasound Clinical Education IV**	**1**	**C**	■		
!	**RIS 44072 Obstetrics and Gynecology Sonography II**	**3**	**C**	■		
!	**RIS 44084 Ultrasound Image Evaluation**	**1**	**C**	■		
Semester Five [6 Credits]						
!	**RIS 44065 Ultrasound Clinical Education V**	**4**	**C**	■		
!	**RIS 44074 Vascular Sonography**	**2**	**C**	■		

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. US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment credit) or students age 21+ at time of admission.

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.

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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