



**Roadmap: Radiologic Imaging Sciences - Diagnostic Medical Sonography for A.S. Degree or
Freshman - Bachelor of Radiologic and Imaging Sciences Technology**

RE-BRIT-RIS-FRAS
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
Semester One [13 Credits]							
Note: Students who have earned an Associate of Science degree will receive 31 credits and will not have to take the lower-division general electives. A 2.750 cumulative GPA is required for admission to this program.							
	COMT 11000 Introduction to Computer Systems or CS 10001 Computer Literacy or MIS 24053 Introduction to Computer Applications	3					
	PSYC 11762 General Psychology	3				DD/KSS	
	US 10097 Destination Kent State: First Year Experience ¹	1					
	Kent Core Requirement	3					
	General Elective (lower division)	3					
Semester Two [13 Credits]							
	MATH 11009 Modeling Algebra or MATH 11010 Algebra for Calculus	3-4				KMC	
	Kent Core Requirement	3					
	Kent Core Requirement	3					
	Kent Core Requirement	1					
	General Elective (lower division)	3					
Semester Three [12 Credits]							
	PHY 12111 Physics for Health Technologies or PHY 13001 General College Physics I and PHY 13021 General College Physics Laboratory I	3-5				KBS	
	Kent Core Requirement	3					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
Semester Four [12 Credits]							
	Kent Core Requirement	3					
	Kent Core Requirement	3					
	General Elective (lower division)	6					
Semester Five [14 Credits]							
	BSCI 20020 Biological Structure and Function ²	5				KBS	
	General Elective (lower division)	9					
Semester Six [13 Credits]							
	HED 14020 Medical Terminology	3					
	General Elective (lower division)	10					
Semester Seven [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 Eight [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 ¹	3	■	C	■	ELR/WIC	
Fourth Summer Term [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 Nine [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	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. Students who have successfully completed ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II may use those courses in place of BSCI 20020 Biological Structure and Function or BSCI 11010/11020 Anatomy and Physiology in Allied Health I/II.
3. A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.

Students should contact the diagnostic medical sonography program director at the Salem Campus for advising.

University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	Kent Core I. Composition Enrollment based on placement test	visit www.kent.edu/catalog/kent-core	6
KMC	Kent Core II. Mathematics and Critical Reasoning Enrollment based on placement test	MATH 11009 or MATH 11010	fulfilled
KHU	Kent Core III. Humanities Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFA	Kent Core IV. Fine Arts Minimum one course from the fine arts; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFH	Kent Core V. Humanities or Fine Arts One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit www.kent.edu/catalog/kent-core	3
KSS	Kent Core VI. Social Sciences Must be selected from two curricular areas; may fulfill diversity requirement	PSYC 11762	3
KBS	Kent Core VII. Basic Sciences Must include one laboratory	5 credits are fulfilled in this major with BSCI 20020	1
KAD	Kent Core VIII. Additional May fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	6
DD	Domestic Diversity Course Requirement Either domestic or global diversity must be from Kent Core	PSYC 11762	fulfilled
DG	Global Diversity Course Requirement Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
ELR	Experiential Learning Requirement Either course or non-course experience approved by the appropriate faculty member	RIS 44098	fulfilled
WIC	Writing-Intensive Course Requirement Minimum C (2.000) grade	RIS 44098	fulfilled