

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 [63 Credits]						
Note: Students must have earned an AAS degree in Radiologic Technology (38 semester credits from Radiologic Technology will be awarded). A 2.750 cumulative GPA is required for admission to this program.						
	Technical requirements in Radiologic Technology	39				
	BSCI 11010 Foundational Anatomy and Physiology I ¹ <i>and</i> BSCI 11020 Foundational Anatomy and Physiology II ¹ <i>or</i> BSCI 20020 Biological Structure and Function ¹	5-6			KBS	
	CHEM 10050 Fundamentals of Chemistry	3			KBS	
	HED 14020 Medical Terminology	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 ²	1				
	Kent Core Requirement	6				
Semester One [15 Credits]						
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
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
121	39	36	2.750	2.000

- 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 Foundational Anatomy and Physiology I/II.
- 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](#).

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