

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 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 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	3	C	■	ELR/WIC	
Summer IV [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 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.
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 Foundational Anatomy and Physiology I/II.

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](#).

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

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