

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 25 credits and will not have to take general electives. A 2.750 cumulative GPA is required for admission to this program.						
	COMT 11000 Introduction to Computer Systems <i>or</i> CS 10001 Computer Literacy <i>or</i> MIS 24053 Introduction to Computer Applications	3				
	PSYC 11762 General Psychology	3			DD/KSS	
	UC 10097 Destination Kent State: First Year Experience ¹	1				
	Kent Core Requirement	3				
	General Electives ²	3				
Semester Two [15 Credits]						
	MATH 11009 Modeling Algebra <i>or</i> MATH 11010 Algebra for Calculus	3-4			KMC	
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	General Electives ²	3				
Semester Three [9 Credits]						
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Four [15 Credits]						
	BSCI 21010 Anatomy and Physiology I ³	4			KBS	
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	General Electives ²	5				
Semester Five [10 Credits]						
	BSCI 21020 Anatomy and Physiology II ³	4				
	General Electives ²	6				
Semester Six [14 Credits]						
	HED 14020 Medical Terminology	3				
	PHY 12111 Physics for Health Technologies (3) <i>or</i> PHY 13001 General College Physics I (4) and PHY 13021 General College Physics Laboratory I (1)	3-5			KBS KBS	
	General Electives ²	8				
Summer III [1 Credit]						
	RIS 34001 Introduction to Diagnostic Medical Sonography	1	C	■		
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. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission.
2. Number of general elective credit hours required depends on meeting minimum 120 credit hours and 39 upper-division hours.
3. Students who have successfully completed ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II may use those courses in place of BSCI 21010/21020 Anatomy and Physiology I/II 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