

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 [16 Credits]						
Note: Placement in MATH courses may require additional coursework before the spring semester in first year of enrollment						
!	BSCI 10110 Biological Diversity	4		■	KBS	
!	CHEM 10060 General Chemistry I	4		■	KBS	
!	CHEM 10062 General Chemistry I Laboratory	1		■	KBS	
	US 10097 Destination Kent State: First Year Experience ¹	1				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Two [15 Credits]						
!	BSCI 10120 Biological Foundations	4		■	KBS	
!	CHEM 10061 General Chemistry II	4		■	KBS	
!	CHEM 10063 General Chemistry II Laboratory	1		■	KBS	
	MATH 11010 Algebra for Calculus	3		■	KMC	
	Kent Core Requirement	3				
Semester Three [14 Credits]						
!	BSCI 30140 Cell Biology	4		■		
!	CHEM 20481 Basic Organic Chemistry I	4		■		
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Four [15 Credits]						
!	BSCI 30030 Human Physiology	4		■		
!	BSCI 30050 Human Genetics	3		■		
!	CHEM 30301 Inorganic Chemistry I	2		■		
	MATH 11022 Trigonometry	3		■	KMC	
	Kent Core Requirement	3				
Semester Five [15 Credits]						
!	BSCI 30171 General Microbiology	4		■		
!	BSCI 40581 Animal Parasitology	4		■		
!	CHEM 30105 Analytical Chemistry I	3		■		
!	CHEM 30107 Analytical Chemistry Laboratory I	1	C ²	■	WIC	
	MATH 30011 Basic Probability and Statistics	3		■		
Semester Six [15 Credits]						
!	BSCI 40174 Immunology	3		■		
!	CHEM 30284 Introductory Biological Chemistry	4		■		
	CS 10061 Introduction to Computer Programming or DSCI 15310 Computational Thinking and Programming	3		■		
	Kent Core Requirement	3				
	Kent Core Requirement	2-3				
Semester Seven [16 Credits]						
!	CLS 49010 Clinical Microbiology: Theory ³	4		■		
!	CLS 49011 Clinical Microbiology: Applications ³	4		■		
!	CLS 49012 Clinical Immunology: Theory ³	1		■		
!	CLS 49013 Clinical Immunology: Applications ³	1		■		
!	CLS 49014 Clinical Mycology: Theory and Applications ³	1		■		
!	CLS 49015 Clinical Parasitology: Theory and Applications ³	1		■		
!	CLS 49020 Clinical Chemistry: Theory ³	4		■		
Semester Eight [15 Credits]						
!	CLS 49021 Clinical Chemistry: Applications ³	3		■		
!	CLS 49022 Urinalysis: Theory ³	1		■		
!	CLS 49023 Urinalysis: Applications ³	1		■		
!	CLS 49030 Immunohematology: Theory ³	2		■		
!	CLS 49031 Immunohematology: Applications ³	2		■		
!	CLS 49032 Coagulation: Theory and Applications ³	1		■		
!	CLS 49033 Clinical Hematology: Theory ³	2		■		
!	CLS 49034 Clinical Hematology: Applications ³	2		■		
!	CLS 49040 Topics in Laboratory Management ³	1		■		

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours 30000 – 40000 level course	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
121	42	36	2.000	2.000

1. US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment) or students age 21+ at time of admission.
2. A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.
3. Students who complete the required in-hospital clinical experience fulfill the experiential learning requirement.

Notes:

- Students are expected to consult with a medical technology advisor before registering for courses each semester.
- The fourth year clinical training is NOT guaranteed, but it is required to graduate with this major. Acceptance to clinical training is at the discretion of the clinical affiliates, is highly competitive, and is based on multiple criteria. Typically, clinical affiliates will interview students with a minimum major GPA of 3.00 and hospital experience.
- Students majoring in medical technology are not required to meet the foreign language College General Requirement.

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