

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 [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 ²	1	■	C	■	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	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 or students age 21+ at time of admission.
2. A minimum C (2.000) grade must be earned in CHEM 30107 to fulfill the writing-intensive requirement.
3. Students who complete the required in-hospital clinical experience fulfill the experiential learning requirement.

Students are expected to consult with a medical technology advisor before registering for courses each semester.

The fourth year clinical training is NOT guaranteed. It is highly competitive, typically requiring a minimum overall 3.000 GPA.

Students majoring in medical technology are not required to meet the foreign language College General Requirement.

Special Major Note:

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester will accumulate 121 credits in four years. This major requires 121 credits for graduation. Students can stay on track for graduation by:

- Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay in graduation);
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or
- Completing relevant coursework (field-based work, internship) during summer sessions.

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 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	visit www.kent.edu/catalog/kent-core	6
KBS	Kent Core VII. Basic Sciences Must include one laboratory	BSCI 10110, CHEM 10060 and CHEM 10060	fulfilled
KAD	Kent Core VIII. Additional May fulfill diversity requirement	3 – 4 credits fulfilled with BSCI 10120 or CHEM 10061 or CHEM 10063 or MATH 11022. Remaining credits must be from the Social Sciences category	2-3
DD	Domestic Diversity Course Requirement Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
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	Students who complete the required in-hospital clinical experience fulfill the experiential learning requirement.	fulfilled
WIC	Writing-Intensive Course Requirement Minimum C (2.000) grade	CHEM 30107	fulfilled