

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
Post-Secondary Coursework or Credit By Examination Upon Entry as a Freshman: [30 Credits]						
!	CHEM 10060 General Chemistry I ¹	4		■	KBS	
!	CHEM 10062 General Chemistry I Laboratory	1		■	KBS	
	BSCI 10110 Biological Diversity ²	4		■	KBS	
	BSCI 10120 Biological Foundations ²	4		■	KBS	
	MATH 12002 Analytic Geometry and Calculus I (5) ² or MATH 12021 Calculus for Life Sciences (4) ²	4-5		■	KMC	
	PHY 13001 General College Physics I (4) ² and PHY 13021 General College Physics Laboratory I (1) ² or PHY 23101 General University Physics I (5) ²	5		■	KBS	
	PHY 13002 General College Physics II (4) ² and PHY 13022 General College Physics Laboratory II (1) ² or PHY 23102 General University Physics II (5) ²	5		■	KBS	
	Kent Core Composition ²	3				
Semester One [14 Credits]						
Students not placed into MATH 12002 (semester 3) should take MATH 11010 and MATH 11022 in first year of study.						
	PH 10001 Introduction to Public Health	3		■		
	PH 10002 Introduction to Global Health	3		■	DG	
!	CHEM 20481 Basic Organic Chemistry I (4) ³ or CHEM 30481 Organic Chemistry I (3) ³	3-4		■		
!	CHEM 30475 Organic Chemistry Laboratory I	1		■	ELR	
	UC 10097 Destination Kent State: First Year Experience ⁴	1				
	Kent Core Requirement	3				
Semester Two [15 Credits]						
!	BSCI 30140 Cell Biology	4		■		
!	CHEM 10061 General Chemistry II ¹	4		■	KBS	
!	CHEM 10063 General Chemistry II Laboratory	1		■	KBS	
!	CHEM 20482 Basic Organic Chemistry II ³ or CHEM 30482 Organic Chemistry II ³	2-3		■		
!	CHEM 30476 Organic Chemistry Laboratory II	1		■		
	Kent Core Requirement	3				
Semester Three [16 Credits]						
Note: CHEM 30284 is highly recommended as an additional course for those students planning to take the Medical College Admission Test (MCAT); Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)						
!	BSCI 30171 General Microbiology	4		■		
!	BSCI 30130 Human Physiology (4) or BSCI 40430 Animal Physiology (3)	3-4		■		
!	MATH 12022 Probability and Statistics for Life Sciences or MATH 30011 Basic Probability and Statistics	3		■		
	PH 20001 Essentials of Epidemiology	3		■		
	Kent Core Requirement	3				
Semester Four [15 Credits]						
	BSCI 30156 Elements of Genetics	3		■		
	PH 30002 Introductory Biostatistics	3		■		
	PH 30005 Social and Behavioral Science Theories in Public Health	3		■		
	PH 30007 Prevention and Control of Diseases ⁵	3		■		
	Kent Core Requirement	3				
Semester Five [15 Credits]						
	PH 30004 Public Health Research ⁵	3		■		
	PH 30006 Introduction to Environmental Health and Safety	3		■		
	PH 30012 Communicable Diseases	3		■		
	PH 30033 Public Health Policy and Decision-Making ⁵	3		■		
	Kent Core Requirement	3				
Semester Six [15 Credits]						
!	PH 49000 Capstone Experience in Public Health	3		■	ELR	
	COMM 26501 Introduction to Health Communication	3		■		
	PH 30014 Strategies for Prevention in Public Health	3		■		
	PH 44000 Health Disparities	3	C ⁶	■	DD/WIC	
	Kent Core Requirement	3				

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	2.000	2.000

1. General Chemistry series may be substituted with honors General Chemistry (CHEM 10970, 10971)
2. See list of Kent Core courses that can be earned through AP, CLEP or CBE exams on page 3.
3. If CHEM 20481 is taken student must take CHEM 20482. If CHEM 30481 is taken student must take CHEM 30482
4. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission
5. Students in the nursing [BSN-NURS] major may substitute NURS 40020 for PH 30007, NURS 40045 for PH 30033 and NURS 40872 for PH 30004.
6. A minimum C (2.000) grade must be earned to fulfill the writing-intensive 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

Kent Core Courses That Can Be Earned Through Exams

LEGEND: **G** – Global Diversity; **D** – Domestic Diversity; **LAB** – Laboratory

				Minimum AP score	Minimum CLEP score	Minimum CBE score
COMPOSITION						
ENG	11011	College Writing I (3)		3	50	C
ENG	21011	College Writing II (3)				C
MATHEMATICS AND CRITICAL REASONING						
CS	10051	Introduction to Computer Science (4)		3		
MATH	10041	Introductory Statistics (4)		3		C
MATH	11010	Algebra for Calculus (3)			50	
MATH	11012	Intuitive Calculus (3)				C
MATH	12001	Algebra and Trigonometry (5)			50	C
MATH	12002	Analytic Geometry and Calculus I (5)		3	50	C
MATH	14001	Basic Mathematical Concepts I (4)				C
MATH	14002	Basic Mathematical Concepts II (4)				C
HUMANITIES AND FINE ARTS						
Humanities in Arts and Sciences						
ENG	22073	Major Modern Writers: British and United States (3)		3	50	
G HIST	11050	World History: Ancient and Medieval (3)		3		C
G HIST	11051	World History: Modern (3)		3		C
D HIST	12070	Early America: From Pre-Colonization to Civil War and Reconstruction (3)		3	50	C
D HIST	12071	Modern America: From Industrialization to Globalization (3)		3	50	C
HIST	1xxxx	European History (3)		3		
Fine Arts						
ARCH	10012	Global Architectural History II (3)				C
ARTH	22006	Art History: Ancient and Medieval Art (3)		3		
MUS	22111	The Understanding of Music (3)				C
G MUS	22121	Music as a World Phenomenon (3)				C
SOCIAL SCIENCES						
ECON	22060	Principles of Microeconomics (3)		3	50	C
ECON	22061	Principles of Macroeconomics (3)		3	50	C
GEOG	10160	Introduction to Geography (3)				C
G GEOG	17063	World Geography (3)				C
D GEOG	17064	Geography of the United States and Canada (3)				C
G GEOG	22061	Human Geography (3)		3		
G POL	10004	Comparative Politics (3)		3		
D POL	10100	American Politics (3)		3	50	
D PSYC	11762	General Psychology (3)		3	50	
D PSYC	20651	Child Psychology (3)			50	
D SOC	12050	Introduction to Sociology (3)			50	
BASIC SCIENCES						
BSCI	10001	Human Biology (3)				C
BSCI	10002	Life on Planet Earth (3)				C
BSCI	10110	Biological Diversity (4)		3	50	
BSCI	10120	Biological Foundations (4)		4	50	
LAB BSCI	11010	Foundational Anatomy and Physiology I (3)				C
LAB BSCI	11020	Foundational Anatomy and Physiology II (3)				C
CHEM	10030	Chemistry in Our World (3)				C
CHEM	10050	Fundamentals of Chemistry (3)				C
CHEM	10052	Introduction to Organic Chemistry (2)				C
CHEM	10054	General and Elementary Organic Chemistry (5)				C
CHEM	10060	General Chemistry I (4)		3	50	C
CHEM	10061	General Chemistry II (4)		5	50	C
LAB CHEM	10062	General Chemistry I Laboratory (1)		4		
GEOL	11040	How the Earth Works (3)				C
GEOL	11042	Earth and Life Through Time (3)				C
GEOL	21062	Environmental Earth Science (3)		3		C
GEOL	21080	All about the Oceans (3)				C
PHY	11030	Seven Ideas that Shook the Universe (3)				C
PHY	12201	Technical Physics I (3)				C
PHY	12202	Technical Physics II (3)				C
PHY	13001	General College Physics I (4)		3		C
PHY	13002	General College Physics II (4)		3		C
PHY	13011	College Physics I (2)				C
PHY	13012	College Physics II (2)				C
LAB PHY	13021	General College Physics Laboratory I (1)		3		
LAB PHY	13022	General College Physics Laboratory II (1)		3		
PHY	21040	Physics in Entertainment and the Arts (3)				C
PHY	21430	Frontiers in Astronomy (3)				C
PHY	23101	General University Physics I (5)		3		C
PHY	23102	General University Physics II (5)		3		C