



This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester One: [16 Credit Hours]					
Students not placed into MATH 12002 (semester 3) should take MATH 11010 in first year of study					
BSCI 10120 Biological Foundations	4			■	Fulfills Kent Core Basic Science
CHEM 10060 General Chemistry I	4			■	Fulfills Kent Core Basic Sciences; see note 1 on page 2
CHEM 10062 General Chemistry I Laboratory	1			■	
PH 10001 Introduction to Public Health	3			■	
US 10097 Destination Kent State: First Year Experience	1				Not required for transfer students with 25 credits
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Two: [17 Credit Hours]					
CHEM 10061 General Chemistry II	4			■	Fulfills Kent Core Additional; see note 1 on page 2
CHEM 10063 General Chemistry II Laboratory	1			■	See note 1 on page 2
PH 10002 Introduction to Global Health	3			■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Kent Core Requirement	3				
Semester Three: [15-16 Credit Hours]					
BSCI 30140 Cell Biology	4			■	Prerequisites: BSCI 10110 and 10120; and CHEM 10060 and 10061 and 10062 and 10063
CHEM 20481 Basic Organic Chemistry I or CHEM 30481 Organic Chemistry	3-4			■	If CHEM 30481 is taken, must take CHEM 30482 in next semester
CHEM 30475 Organic Chemistry Laboratory I	1	■		■	
MATH 12002 Analytic Geometry and Calculus I (5) or MATH 12021 Calculus for Life Sciences (4)	4-5			■	Fulfills Kent Core Mathematics and Critical Reasoning; MATH 12021 is approved as proficiency to fulfill Kent Core Mathematics and Critical Reasoning
PH 20001 Essentials of Epidemiology	3			■	
Semester Four: [15-16 Credit Hours]					
BSCI 30156 Elements of Genetics	3	■		■	Prerequisites: BSCI 10110 and 10120
CHEM 20482 Basic Organic Chemistry II (2) or CHEM 30482 Organic Chemistry II (3)	2-3			■	Must take CHEM 30482 if CHEM 30481 taken in previous semester; see note 1 on page 2
CHEM 30476 Organic Chemistry Laboratory II	1	■		■	
MATH 12022 Probability and Statistics for Life Sciences or MATH 30011 Basic Probability and Statistics	3			■	Some medical programs require a full year of calculus; check with the medical school and faculty advisor
PH 30012 Communicable Diseases	3	■		■	
PH 30033 Public Health Policy and Decision-Making	3	■		■	
Semester Five: [14 Credit Hours]					
BSCI 30030 Human Physiology (4) or BSCI 40430 Animal Physiology (3)	3-4	■		■	BSCI 30030 prerequisites: BSCI 20020; or 10110 and 10120
PH 30004 Public Health Research	3	■		■	
PH 30007 Prevention and Control of Diseases	3	■		■	
PHY 13001 General College Physics I or PHY 23101 General University Physics I	4-5			■	
PHY 13021 General College Physics Laboratory I	0-1			■	Must be taken with PHY 13001
Semester Six: [15 Credit Hours]					
BSCI 30171 General Microbiology	4	■		■	
PH 30005 Social and Behavioral Science Theories in Public Health	3	■		■	
PH 30006 Environmental Health Science	3			■	
PHY 13002 General College Physics II or PHY 23102 General University Physics II	4-5			■	
PHY 13022 General College Physics Laboratory II	0-1			■	Must be taken with PHY 13002



Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester Seven: [15 Credit Hours]					
PH 30002 Introductory Biostatistics	3	■		■	
PH 44000 Health Disparities	3	■	C	■	Fulfills writing-intensive course requirement
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Kent Core Requirement	3				
Semester Eight [13 Credit Hours]					
PH 49000 Capstone in Public Health	3	■		■	
Kent Core Requirement	2				See Kent Core Summary on page 2
General Electives (upper division)	5-8	■			Number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division hours

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum Major GPA	Minimum Overall GPA
121	39	36	PH 10002/Kent Core	PH 44000	Visit www.kent.edu/catalog/elr	2.000	2.000

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Composition (6-8 credit hours) <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled with either MATH 12002 or MATH 12021	0
Humanities and Fine Arts (9 credit hours) <i>Minimum one course from humanities in Arts and Sciences category and minimum one course from fine arts category</i>	May fulfill diversity requirement	9
Basic Sciences (6-7 credit hours) <i>Must include one laboratory</i>	Fulfilled in this major with BSCI 10120, CHEM 10062 and CHEM 10060	0
Social Sciences (6 credit hours) <i>Must be selected from two curricular areas</i>	May fulfill diversity requirement	6
Additional (6 credit hours) <i>Must be selected from two Kent Core categories</i>	4 credits fulfilled in this major with CHEM 10061	2

Note 1: General Chemistry series may be substituted with Honors General Chemistry (CHEM 10960, 100961).

Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit www.kent.edu/catalog/diversity for course list.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade. Visit www.kent.edu/catalog/wic for course list.

Experiential Learning Requirement (ELR)

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit www.kent.edu/catalog/elr for course list.

Upper-Division Requirement

Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.