

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 Division	Min. Grade	Important Notes
Semester One: [14 Credit Hours]				
Placement in MATH courses may require additional coursework before the spring semester in first year of enrollment				
BSCI 10110 Biological Diversity	4			Fulfills Kent Core Basic Sciences
MATH 11010 Algebra for Calculus	3			Fulfills Kent Core Mathematics and Critical Reasoning
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits
Kent Core Requirement	6			See Kent Core Summary on page 2
Semester Two: [16 Credit Hours]				
BSCI 10120 Biological Foundations	4			Fulfills Kent Core Basic Sciences
Kent Core Requirement	12			See Kent Core Summary on page 2
Semester Three: [16 Credit Hours]				
CHEM 10060 General Chemistry I	4			Fulfills Kent Core Additional
CHEM 10062 General Chemistry I Laboratory	1			Fulfills Kent Core Basic Sciences
MATH 11022 Trigonometry	2			
Kent Core Requirement	3			See Kent Core Summary on page 2
General Electives (lower or upper division)	6			
Semester Four: [13 Credit Hours]				
BSCI 30156 Elements of Genetics	3	■		
CHEM 10061 General Chemistry II	4			Fulfills Kent Core Basic Sciences
CHEM 10063 General Chemistry II Laboratory	1			Fulfills Kent Core Basic Sciences
Kent Core Requirement	5			See Kent Core Summary on page 2
Semester Five: [14-15 Credit Hours]				
Foreign Language (Elementary I)	4-5			
BSCI Electives (2 credits must be upper division)	7			Consult with advisor; see note on page 2
General Electives	3			
Semester Six: [16-17 Credit Hours]				
Foreign Language (Elementary II)	4-5			
BSCI Elective (upper division)	3	■		Consult with advisor; see note on page 2
General Electives (upper division)	9	■		
Semester Seven: [16-18 Credit Hours]				
BSCI 40163 Organic Evolution	3	■		
BSCI 40600 Writing in the Biological Sciences	1	■	C	Fulfills writing-intensive course requirement
Foreign Language (Intermediate I)	3-5			
BSCI Elective (upper division)	3	■		Consult with advisor; see note on page 2
General Electives (upper division)	6	■		
Semester Eight: [16-18 Credit Hours]				
Foreign Language (Intermediate II)	3-5			
BSCI Elective (upper division)	3	■		Consult with advisor; see note below
General Electives (upper division)	10	■		Number of credits required depends on meeting minimum 121 credit hours and minimum 42 upper-division credit hours

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum	
					Major GPA	Overall GPA
121	42	42*	Kent Core or General Electives	BSCI 40600	2.0	2.0

* The above hours include an additional Kent Core course each in Basic Sciences and Social Sciences as required by the College of Arts and Sciences for its BA programs. In addition to the Kent Cores, the college requires for all its BA programs a minimum 14 credit hours of a foreign language.

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Additional (6 credit hours) <i>Must be selected from two Kent Core categories</i>	4 credits fulfilled in this major with CHEM 10061; may fulfill diversity requirement	2
Basic Sciences (9-10 credit hours) <i>Must include one laboratory</i>	Fulfilled in this major with BSCI 10110, BSCI 10120 CHEM 10060, CHEM 10062 and CHEM 10063	0
Composition (6-8 credit hours) <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
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
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled in this major with MATH 11010	0
Social Sciences (9 credit hours) <i>Must be selected from two curricular areas</i>	Includes additional course as required by the college for its BA programs; may fulfill diversity requirement	9

Note: Any combination of BSCI courses. Students should consult with a biology advisor to determine the most appropriate courses given their disciplinary interests and career aspirations.

Exception to the BSCI electives

BSCI courses not accepted for credit in the major:

BSCI 10001 Human Biology	BSCI 20020 Biological Structure and Function	BSCI 30030 Human Physiology
BSCI 10002 Life on Planet Earth	BSCI 20021 Basic Microbiology	BSCI 30050 Human Genetics
BSCI 20001 Zoological Foundations of Medicine	BSCI 20022 Basic Microbiology Laboratory	BSCI 40020 Biology of Aging

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.

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.

Foreign Language

Visit www.kent.edu/catalog/foreign-languages for course list.

