

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 [15 Credits]							
	GEOL 11040 How the Earth Works	3			■	KBS	
	GEOL 11041 How the Earth Works Laboratory	1			■	KBS	
	US 10097 Destination Kent State: First Year Experience ¹	1					
	Foreign Language ²	4 - 5					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
Semester Two [14 Credits]							
	GEOL 11042 Earth and Life Through Time	3			■	KBS	
	GEOL 11043 Earth and Life Through Time Laboratory	1			■	KBS	
	BSCI 10002 Life on Planet Earth or BSCI 10110 Biological Diversity	3-4			■	KBS	
	Foreign Language ²	4 - 5					
	Kent Core Requirement	3					
Semester Three [16 Credits]							
	CHEM 10060 General Chemistry I	4			■	KBS	
	CHEM 10062 General Chemistry I Laboratory	1			■	KBS	
	GEOL 22000 Introductory Geology Seminar	1			■		
	GEOL 23063 Earth Materials I	4			■		
	Kent Core Requirement	3					
	Kent Core Requirement	3					
Semester Four [14 Credits]							
	CHEM 10061 General Chemistry II	4			■	KBS	
	CHEM 10063 General Chemistry Laboratory II	1			■	KBS	
	GEOL 31070 Earth Materials II	4	■		■		
	MATH 12002 Analytic Geometry and Calculus I	5			■	KMC	
Semester Five [14 Credits]							
	GEOL 32066 Geomorphology	4	■		■		
	GEOL 34061 Invertebrate Paleontology ³	4	■	C	■	WIC	
	GEOL 42035 Scientific Methods in Geology or MATH 30011 Basic Probability and Statistics	3	■		■		
	Kent Core Requirement	3					
Semester Six [15 Credits]							
	GEOL 31080 Structural Geology	4	■		■		
	GEOL 43040 Principles of Geochemistry	3	■		■		
	PHY 13001 General College Physics I	4			■	KBS	
	PHY 13021 General College Physics Laboratory I	1			■	KBS	
	Kent Core Requirement	3					
Summer III: [6 Credits]							
	GEOL 41092 Summer Field Camp	6	■		■	ELR	
Semester Seven [13 Credits]							
	GEOL Electives ⁴	6	■		■		
	General Electives ⁵	7					
Semester Eight [13 Credits]							
	GEOL 44070 Sedimentology and Stratigraphy	4	■		■		
	GEOL Electives ⁴	3-4	■		■		
	General Electives ⁵	6					

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	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. Fulfills College General Requirement.
3. A minimum C (2.000) grade must be earned in GEOL 34061 to fulfill the writing-intensive requirement.
4. Geology electives (12 credits)

Choose from the following: *

GEOL 42030 Remote Sensing (3)	GEOL 42067 Introductory Hydrogeology (3)
GEOL 42068 Contaminant Hydrology and Hydrogeology (3)	GEOL 42074 Environmental Core and Well Logging (3)
GEOL 42078 Engineering Geology (4)	GEOL 43042 Environmental Geochemistry (3)
GEOL 43044 Environmental Isotopes (3)	

*The following courses may not satisfy major requirements: GEOL 41073 Geology of Ohio, GEOL 41077 Geology of the National Parks and GEOL 41079 All About Dinosaurs.

5. 1 upper-division credit hour if 3 credit hours of GEOL elective was taken. Credits required depends on meeting minimum 120 credit hours and minimum 42 upper-division credit hours.

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 12002	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	CHEM 10060, CHEM 10062, GEOL 11040	fulfilled
KAD	Kent Core VIII. Additional May fulfill diversity requirement	GEOL 11041, GEOL 11042, GEOL 11043, BSCI 10002, BSCI 10110	fulfilled
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	GEOL 41092	Fulfilled
WIC	Writing-Intensive Course Requirement Minimum C (2.000) grade	GEOL 34061	Fulfilled