

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
Semester One [15 Credits]						
	GEOL 11040 How the Earth Works	3		■	KBS	
	GEOL 11041 How the Earth Works Laboratory	1		■	KBS	
	UC 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 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		■	ELR	
	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	4	C ³	■	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 42069 Hydrogeochemistry (3) or GEOL 43040 Principles of Geochemistry (3) or GEOL 43042 Environmental Geochemistry (3)	3		■		
	PHY 13001 General College Physics I	4		■	KBS	
	PHY 13021 General College Physics Laboratory I	1		■	KBS	
	Kent Core Requirement	3				
Third Summer Term [6 Credits]						
	GEOL 41092 Summer Field Camp	6		■	ELR	
Semester Seven [13 Credits]						
	Environmental Geology Concentration Electives ⁴	6		■		
	General Electives ⁵	7				
Semester Eight [13 Credits]						
	GEOL 44070 Sedimentology and Stratigraphy	4		■		
	Environmental Geology Concentration Electives ⁴	3-4		■		
	General Electives ⁵	6				

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours 30000 – 40000 level course	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	42	36	2.000	2.000

1. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) 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. Environmental Geology Concentration Electives (9-10 credits)

Choose from the following:

GEOL 42030 Remote Sensing (3)	GEOL 42065 Watershed Hydrogeology (3)
GEOL 42067 Introductory Hydrogeology (3)	GEOL 42068 Contaminant Hydrology and Hydrogeology (3)
GEOL 42069 Hydrogeochemistry (3)	GEOL 42074 Environmental Core and Well Logging (3)
GEOL 42078 Engineering Geology (4)	GEOL 43040 Principles of Geochemistry (3)
GEOL 43042 Environmental Geochemistry (3)	GEOL 43044 Environmental Isotopes (3)

5. Number of general elective credit hours required depends on meeting minimum 120 credit hours and minimum 42 upper-division hours.

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