



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: [15-16 Credit Hours]					
GEOL 11040 Earth Dynamics	3			■	Fulfills Kent Core Basic Sciences
GEOL 11041 Earth Dynamics Laboratory	1			■	Fulfills Kent Core Basic Sciences
US 10097 Destination Kent State: FYE	1				Not required of transfer students with 25 credits
Foreign Language (Elementary I)	4-5				Fulfills College General Requirement
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Semester Two: [15-16 Credit Hours]					
GEOL 11042 Earth History	3			■	Fulfills Kent Core Basic Sciences
GEOL 11043 Earth History Laboratory	1			■	Fulfills Kent Core Basic Sciences
BSCI 10110 Biological Diversity or BSCI 30560 Invertebrate Zoology	4			■	
Foreign Language II (Elementary II)	4-5				Fulfills College General Requirement
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Three: [15 Credit Hours]					
CHEM 10060 General Chemistry I	4			■	Fulfills Kent Core Additional
CHEM 10062 General Chemistry Laboratory I	1			■	Fulfills Kent Core Basic Sciences
GEOL 23063 Earth Materials I	4			■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Semester Four: [14 Credit Hours]					
GEOL 31070 Earth Materials II	4	■		■	
GEOL 31080 Structural Geology	4	■		■	
PHY 13001 General College Physics I	4			■	Fulfills Kent Core Basic Sciences; courses must be taken together
PHY 13021 General College Physics Laboratory I	1			■	
Semester Five: [14 Credit Hours]					
GEOL 34061 Invertebrate Paleontology	4	■	C	■	Fulfills writing-intensive course requirements
MATH 12002 Analytic Geometry and Calculus I	5			■	Fulfills Kent Core Mathematics and Critical Reasoning
GEOL 42035 Scientific Methods in Geology or MATH 30011 Basic Probability and Statistics	3	■		■	GEOL 42035 offered in fall only
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Six: [16 Credit Hours]					
CHEM 10061 General Chemistry II or PHY 13002 General College Physics II	4			■	Fulfills Kent Core Basic Sciences
CHEM 10063 General Chemistry Laboratory II or PHY 13022 General College Physics Laboratory II	1			■	Fulfills Kent Core Basic Sciences; CHEM 10063 must be taken with CHEM 10061; PHY 13022 must be taken with PHY 13002
GEOL Elective (upper division)	3	■		■	See note on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
General Electives (lower or upper division)	5				
Summer III: [6 Credit Hours]					
GEOL 41092 Summer Field Camp	6	■		■	
Semester Seven: [14 Credit Hours]					
GEOL Elective (upper division)	6	■		■	See note on page 2
Kent Core Requirement	2				See Kent Core Summary below
General Elective (upper division)	6	■			



Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester Eight: [12 Credit Hours]					
GEOL 44070 Sedimentology and Stratigraphy	4	■		■	
GEOL Elective (upper division)	6	■		■	See note
General Elective (upper division)	2	■			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	Minimum Overall GPA
121	42	36	Kent Core or General Electives	GEOL 34061	2.0	2.0

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit
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 in this major with MATH 12002	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
Social Sciences (6 credit hours) <i>Must be selected from two curricular areas</i>	May fulfill diversity requirement	6
Basic Sciences (6-7 credit hours) <i>Must include one laboratory</i>	Fulfilled in this major with CHEM 10061, CHEM 10063 (or PHY 13002, PHY 13022), GEOL 11040, GEOL 11041, GEOL 11042, GEOL 11043, PHY 13001, PHY 13021	0
Additional (6 credit hours) <i>Must be selected from two Kent Core categories</i>	4 credits fulfilled in this major with CHEM 10060; may fulfill diversity requirement	2

Note: 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.

Note: All courses taken from the list of major program requirements are used in the calculation of the major GPA.

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.

