



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; pre/corequisite is GEOL 11040
MATH 11010 Algebra for Calculus	3			■	Fulfills Kent Core Mathematics and Critical Reasoning
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
Semester Two: [13-14 Credit Hours]					
GEOL 11042 Earth History	3			■	Fulfills Kent Core Basic Sciences
GEOL 11043 Earth History Laboratory	1			■	Fulfills Kent Core Basic Sciences; pre/corequisite is GEOL 11042
GEOL 21080 Oceanography	3			■	Fulfills Kent Core Additional
MATH 11022 Trigonometry	2			■	
Foreign Language (Elementary II)	4-5				Fulfills College General Requirement
Semester Three: [18-20 Credit Hours]					
CHEM 10060 General Chemistry I	4			■	Fulfills College General Requirement
CHEM 10062 General Chemistry I Laboratory	1			■	Fulfills Kent Core Basic Sciences
GEOL 23063 Earth Materials I	4			■	
Foreign Language (Intermediate I)	3-5				Fulfills College General Requirement
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Semester Four: [14-16 Credit Hours]					
BSCI 10110 Biological Diversity or BSCI 30560 Invertebrate Zoology	4			■	
GEOL 31070 Earth Materials II	4	■		■	
Foreign Language (Intermediate II)	3-5				Fulfills College General Requirement
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Five: [15 Credit Hours]					
GEOL 32066 Geomorphology	4	■		■	
GEOL 34061 Invertebrate Paleontology	4	■	C	■	Fulfills writing-intensive course requirement
PHY 13001 General College Physics I and PHY 13021 General College Physics Laboratory or PHY 23101 General University Physics	5			■	PHY 13001 must be taken with PHY 13021; all courses fulfill Kent Core Basic Sciences
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Six: [16 Credit Hours]					
GEOG 31062 Fundamental of Meteorology	3	■		■	
GEOG 31064 Principles of Climatology	3	■		■	
PHY 24001 Astronomy	3			■	Fulfills Kent Core Basic Sciences
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Semester Seven: [15 Credit Hours]					
GEOG 41082 Geography of Soils	3	■		■	
Kent Core Requirement	3				See Kent Core Summary below
GEOG or GEOL Elective (upper division)	3	■		■	Recommended: geographical information sciences course
General Electives (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: [15 Credit Hours]					
GEOG 41073 Conservation—Natural Resources	3	■		■	
College General Requirement	3				Must be from Kent Core Social Science; see note 1
GEOL Elective (upper division)	3	■		■	
General Electives (upper division)	6	■			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 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 in this major with MATH 11010	0
Humanities and Fine Arts (9 credit hours) <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</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 GEOL 11040, GEOL 11041, GEOL 11042, GEOL 11043, CHEM 10062, PHY 13001 and PHY 13021 (or PHY 23101) and PHY 24001	0
Additional (6 credit hours) <i>Must be selected from two Kent Core categories</i>	3 credits fulfilled in this major with GEOL 21080; may fulfill diversity requirement	3

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

Note 1: One additional course taken from the Kent Core Social Sciences courses in the following Arts and Sciences disciplines: Anthropology (ANTH), Applied Conflict Management (CACM), Geography (GEOG), Criminology and Justice Studies (JUS), Political Science (POL), Psychology (PSYC) or Sociology (SOC). The course may not be from the student's major.

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.

