

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
<b>Semester One: [15-16 Credit Hours]</b>				
<b>GEOL 11040 Earth Dynamics</b>	<b>3</b>			<b>Fulfills Kent Core Basic Sciences</b>
<b>GEOL 11041 Earth Dynamics Laboratory</b>	<b>1</b>			<b>Fulfills Kent Core Basic Sciences; pre/corequisite is GEOL 11040</b>
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			
Kent Core Requirement	3			See Kent Core Summary on page 2
<b>Semester Two: [16-17 Credit Hours]</b>				
<b>GEOL 11042 Earth History</b>	<b>3</b>			<b>Fulfills Kent Core Basic Sciences</b>
<b>GEOL 11043 Earth History Laboratory</b>	<b>1</b>			<b>Fulfills Kent Core Basic Sciences; pre/corequisite is GEOL 11042</b>
MATH 11022 Trigonometry	2			
Foreign Language (Elementary II)	4-5			
Kent Core Requirement	6			See Kent Core Summary on page 2
<b>Semester Three: [15-17 Credit Hours]</b>				
<b>CHEM 10060 General Chemistry I</b>	<b>4</b>			<b>Fulfills Kent Core Additional</b>
<b>CHEM 10062 General Chemistry I Laboratory</b>	<b>1</b>			<b>Fulfills Kent Core Basic Sciences</b>
<b>GEOL 23063 Mineralogy</b>	<b>4</b>			
Foreign Language (Intermediate I)	3-5			
Kent Core Requirement	3			See Kent Core Summary on page 2
<b>Semester Four: [17-19 Credit Hours]</b>				
<b>GEOL 31070 Petrology</b>	<b>4</b>			
<b>BSCI 10110 Biological Diversity or BSCI 30560 Invertebrate Zoology</b>	<b>4</b>			
Foreign Language (Intermediate II)	3-5			
Kent Core Requirement	6			See Kent Core Summary on page 2
<b>Semester Five: [16-17 Credit Hours]</b>				
<b>GEOL 34061 Invertebrate Paleontology</b>	<b>4</b>	■	C	<b>Fulfills writing-intensive course requirement</b>
Kent Core Requirement	3			See Kent Core Summary on page 2
GEOL Elective (upper division)	3-4	■		See note on page 2
General Electives (upper division)	6	■		
<b>Semester Six: [12-14 Credit Hours]</b>				
GEOL Elective (upper division)	6-8	■		See note on page 2
General Elective (upper division)	6	■		
<b>Summer III: [0-6 Credit Hours]</b>				
<b>GEOL 41092 Summer Field Camp</b>	<b>0-6</b>	■		<b>Not required, but strongly recommended</b>
<b>Semester Seven: [15-16 Credit Hours]</b>				
Kent Core Requirement	6			See Kent Core Summary below
GEOL Elective (upper division)	3-4	■		See note below
General Electives (upper division)	6	■		

**Critical requirements are boldface in shaded areas**

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
<b>Semester Eight: [15-16 Credit Hours]</b>				
GEOL Elective (upper division)	3-4	■		See note below
General Electives (upper division)	12	■		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	42*	Kent Core or General Electives	GEOL 34061	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 Core, 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
<b>Additional (6 credit hours)</b> <i>Must be selected from two Kent Core categories</i>	4 credits fulfilled in this major with CHEM 10060; may fulfill diversity requirement	3
<b>Basic Sciences (9-10 credit hours)</b> <i>Must include one laboratory</i>	Fulfilled in this major with GEOL 11040, GEOL 11041, GEOL 11042, GEOL 11043 and CHEM 10062; includes additional course as required by the college for its BA programs	0
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
<b>Humanities and Fine Arts (9 credit hours)</b> <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
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in this major with MATH 11010	0
<b>Social Sciences (9 credit hours)</b> <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:** Minimum 15 credits hours must be applied toward upper-division GEOL course electives. The following courses may not satisfy major requirements: GEOL 41073 Geology of Ohio and GEOL 41077 Geology of the National Parks.

**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](http://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](http://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](http://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](http://www.kent.edu/catalog/foreign-languages) for course list.