

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
<b>Semester One [15 Credits]</b>							
	GEOL 11040 How the Earth Works	3			■	KBS	
	GEOL 11041 How the Earth Works Laboratory	1			■	KAD	
	MATH 11010 Algebra for Calculus	3			■	KMC	
	US 10097 Destination Kent State: First Year Experience <sup>1</sup>	1					
	Foreign Language <sup>2</sup>	4 - 5					
	Kent Core Requirement	3					
<b>Semester Two [14 Credits]</b>							
	GEOL 11042 Earth and Life Through Time	3			■	KAD	
	GEOL 11043 Earth and Life Through Time Laboratory	1			■	KAD	
	GEOL 21080 All About the Oceans	3			■	KAD	
	MATH 11022 Trigonometry	3			■	KAD	
	Foreign Language <sup>2</sup>	4 - 5					
<b>Semester Three [18 Credits]</b>							
	CHEM 10060 General Chemistry I	4			■	KBS	
	CHEM 10062 General Chemistry I Laboratory	1			■	KBS	
	GEOL 23063 Earth Materials I	4			■		
	Foreign Language <sup>2</sup>	3 - 5					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
<b>Semester Four [14 Credits]</b>							
	BSCI 10110 Biological Diversity <i>or</i> BSCI 30560 Invertebrate Zoology	4			■	KBS	
	GEOL 31070 Earth Materials II	4	■		■		
	Foreign Language <sup>2</sup>	3 - 5					
	Kent Core Requirement	3					
<b>Semester Five [16 Credits]</b>							
	GEOL 32066 Geomorphology	4	■		■		
	GEOL 34061 Invertebrate Paleontology <sup>3</sup>	4	■	C	■	WIC	
	PHY 13001 General College Physics I <i>and</i> PHY 13021 General College Physics Laboratory I <i>or</i> PHY 23101 General University Physics I	5			■	KBS	
	Kent Core Requirement	3					
<b>Semester Six [15 Credits]</b>							
	GEOG 31062 Fundamentals of Meteorology	3	■		■		
	GEOG 31064 Principles of Climatology	3	■		■		
	Kent Core Requirement	3					
	General Electives (2 credit hours must be upper division) <sup>4</sup>	6					
<b>Semester Seven [15 Credits]</b>							
	GEOG 41082 Geography of Soils	3	■		■		
	Kent Core Requirement	3					
	GEOG 3/4xxxx or GEOL 3/4xxxx Elective	3	■		■		
	General Electives <sup>4</sup>	6	■				
<b>Semester Eight [13 Credits]</b>							
	GEOG 41073 Conservation of Natural Resources	3	■		■		
	College General Requirement (must be from Kent Core Social Sciences) <sup>5</sup>	3					
	GEOL 3/4xxxx Elective	3	■		■		
	General Electives <sup>4</sup>	4	■				

**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 Requirements. Foreign Language Note: Students pursuing a Bachelor of Arts degree in the College of Arts and Sciences must have the equivalent of Elementary I and II in any language, plus one of the following options:

- a. Intermediate I and II of the same language
- b. Elementary I and II of a second language
- c. Any combination of two courses from the following list:
  - Intermediate I of the same language
  - MCLS 10001 Introduction to Structural Concepts for Language Students
  - MCLS 20000 Global Literacy and Cultural Awareness
  - MCLS 20091 Seminar: Global Literacy Case Studies

All students with prior foreign language experience should take the foreign language placement test to determine the appropriate level at which to start. Some students may begin their university foreign language experience beyond the Elementary I level and will complete the requirement with fewer credit hours and fewer courses. This may be accomplished by: (1) passing a course beyond Elementary I through Intermediate II level or (2) receiving credit through Credit by Exam (CBE), the College Level Examination Program (CLEP), the Advanced Placement (AP) exam or credit through the International Baccalaureate (IB) program; or (3) being designated a "native speaker" of a non-English language (consult with the College of Arts and Sciences Advising Office for additional information). When students complete the requirement with fewer than 14 credit hours and four courses, they will complete remaining hours with general electives.

3. A minimum C (2.000) grade must be earned in GEOL 34061 to fulfill the writing-intensive requirement.

4. 12 credit hours must be upper division. *Credits required depends on meeting minimum 120 credit hours and minimum 42 upper-division credit hours*

5. 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.

### University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	<b>Kent Core I. Composition</b> Enrollment based on placement test	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	6
KMC	<b>Kent Core II. Mathematics and Critical Reasoning</b> Enrollment based on placement test	MATH 11010	fulfilled
KHU	<b>Kent Core III. Humanities</b> Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KFA	<b>Kent Core IV. Fine Arts</b> Minimum one course from the fine arts; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KFH	<b>Kent Core V. Humanities or Fine Arts</b> One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KSS	<b>Kent Core VI. Social Sciences</b> Must be selected from two curricular areas; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	6
KBS	<b>Kent Core VII. Basic Sciences</b> Must include one laboratory	BSCI 10110, CHEM 10060, CHEM 10062, GEOL 11040, PHY 13001, PHY 13021, PHY 23101	fulfilled
KAD	<b>Kent Core VIII. Additional</b> May fulfill diversity requirement	GEOL 11041, GEOL 11042, GEOL 11043, GEOL 21080, MATH 11022	fulfilled
DD	<b>Domestic Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	visit <a href="http://www.kent.edu/catalog/diversity">www.kent.edu/catalog/diversity</a>	one course
DG	<b>Global Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	visit <a href="http://www.kent.edu/catalog/diversity">www.kent.edu/catalog/diversity</a>	one course
ELR	<b>Experiential Learning Requirement</b> Either course or non-course experience approved by the appropriate faculty member	visit <a href="http://www.kent.edu/catalog/elr">www.kent.edu/catalog/elr</a>	one course or activity
WIC	<b>Writing-Intensive Course Requirement</b> Minimum C (2.000) grade	GEOL 34061	fulfilled