

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	
	MATH 11010 Algebra for Calculus	3		■	KMC	
	UC 10097 Destination Kent State: First Year Experience ¹	1				
	Foreign Language ²	4 - 5				
	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	
	GEOL 21080 All About the Oceans	3		■	KBS	
	MATH 11022 Trigonometry	3		■	KMC	
	Foreign Language ²	4 - 5				
Semester Three [18 Credits]						
	CHEM 10060 General Chemistry I	4		■	KBS	
	CHEM 10062 General Chemistry I Laboratory	1		■	KBS	
	GEOL 23063 Earth Materials I	4		■		
	Foreign Language ²	3 - 5				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Four [14 Credits]						
	BSCI 10110 Biological Diversity or BSCI 30560 Invertebrate Zoology	4		■	KBS	
	GEOL 31070 Earth Materials II	4		■		
	Foreign Language ²	3 - 5				
	Kent Core Requirement	3				
Semester Five [16 Credits]						
	GEOL 32066 Geomorphology	4		■		
	GEOL 34061 Invertebrate Paleontology	4	C ³	■	WIC	
	PHY 13001 General College Physics I (4) and PHY 13021 General College Physics Laboratory I (1) or PHY 23101 General University Physics I (5)	5		■	KBS KBS KBS	
	Kent Core Requirement	3				
Semester Six [15 Credits]						
	GEOG 31062 Fundamentals of Meteorology	3		■		
	GEOG 31064 Principles of Climatology	3		■		
	Kent Core Requirement	3				
	General Electives ⁴	6				
Semester Seven [15 Credits]						
	GEOG 41082 Geography of Soils	3		■		
	Kent Core Requirement	3				
	GEOG 3/4xxxx or GEOL 3/4xxxx Elective	3		■		
	General Electives ⁴	6				
Semester Eight [13 Credits]						
	GEOG 41073 Conservation of Natural Resources	3		■		
	College General Requirement ⁵	3				
	GEOL 3/4xxxx Elective	3		■		
	General Electives ⁴	4				

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 Requirements.

3. A minimum C (2.000) grade must be earned in GEOL 34061 to fulfill the writing-intensive requirement.
4. Number of general elective credit hours required depends on meeting minimum 120 credit hours and minimum 42 upper-division 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 (CRIM), Political Science (POL), Psychology (PSYC) or Sociology (SOC). The course may not be from the student's major.

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:
 - i. Intermediate I of the same language
 - ii. MCLS 10001 Introduction to Structural Concepts for Language Students
 - iii. MCLS 20000 Global Literacy and Cultural Awareness
 - iv. MCLS 20091 Seminar: Global Literacy Case Studies
 - v. MCLS 21417 Multiculturalism in Today's Germany
 - vi. MCLS 22217 Diversity in Today's Russia
 - vii. MCLS 23217 The Francophone Experience
 - viii. MCLS 28404 The Latin American Experience
 - ix. MCLS 28405 The Spanish Experience

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.

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