



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
<b>Semester One: [16 Credit Hours]</b>					
<b>GEOG 17063 World Geography</b>	<b>3</b>			■	<b>Fulfills Kent Core Social Sciences and global diversity course requirement</b>
US 10097 Destination Kent State: FYE	1				Not required of transfer students with 25 credits
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Kent Core Requirement	3				
Kent Core Requirement	3				
<b>Semester Two: [16 Credit Hours]</b>					
<b>GEOG 21062 Physical Geography</b>	<b>3</b>			■	<b>Fulfills Kent Core Basic Sciences; courses must be taken together</b>
<b>GEOG 21063 Physical Geography Laboratory</b>	<b>1</b>			■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Kent Core Requirement	3				
Environmental Geography Elective	3	■		■	See note 1 on page 2
<b>Semester Three: [16-17 Credit Hours]</b>					
<b>GEOG 17064 Geography of the United States and Canada</b>	<b>3</b>			■	<b>Fulfills Kent Core Additional and domestic diversity course requirement</b>
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				
College General Requirement	3				Must be from Kent Core Basic Science
<b>Semester Four: [13-14 Credit Hours]</b>					
Foreign Language (Elementary II)	4-5				Fulfills College General Requirement
College General Requirement	3				Must be from Kent Core Social Science; see note 4 on page 2
Environmental Geography Elective	3	■		■	See note 1 on page 2
General Elective (lower or upper division)	3				
<b>Semester Five: [16-17 Credit Hours]</b>					
<b>GEOG 39002 Statistical Methods in Geography</b>	<b>3</b>	■		■	<b>Courses must be taken together</b>
<b>GEOG 39161 Introduction to Cartography</b>	<b>3</b>	■		■	
<b>GEOG 39162 Introduction to Cartography Laboratory</b>	<b>1</b>	■		■	
Foreign Language (Intermediate I)	3-4				Fulfills College General Requirement
Environmental Geography Elective	3	■		■	See note 1 on page 2
General Elective (lower or upper division)	3				
<b>Semester Six: [15-16 Credit Hours]</b>					
Foreign Language (Intermediate II)	3-4				Fulfills College General Requirement
Environmental Geography Elective	3	■		■	See note 1 on page 2
Regional Geography Elective (upper division)	3	■		■	See advisor for appropriate course
General Elective (lower or upper division)	6				
<b>Semester Seven: [15 Credit Hours]</b>					
<b>GEOG 49070 Geographic Information Science</b>	<b>3</b>	■		■	See note 2 on page 2
Social Geography Elective	3	■		■	
General Electives (upper division)	9	■			



**Critical requirements are boldface in shaded areas**

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Semester Eight: [14 Credit Hours]</b>					
<b>GEOG 40191 Seminar in Geography</b>	<b>3</b>	<b>■</b>	<b>C</b>	<b>■</b>	<b>Fulfills writing-intensive course requirement</b>
Geographic Information Elective	3	■		■	See note 3 below
General Electives (upper division)	8				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	GEOG 17063 / GEOG 17064	GEOG 40191	2.0	2.0

**Kent Core Summary**

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Enrollment based on placement test; recommended: MATH 11009 or MATH 11010 (prerequisite for GEOG 39002)	3-5
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i>	May fulfill diversity requirement	9
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	3 credits fulfilled in this major with GEOG 17063; may fulfill diversity requirement	3
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>	4 credits fulfilled in this major with GEOG 21062 and GEOG 21063	2-1
<b>Additional (6 credit hours)</b> <i>Must be selected from two Kent Core categories</i>	3 credits fulfilled in this major with GEOG 17064; may fulfill diversity requirement	3

**Note 1: Environmental geography elective (12 credit hours), choose from the following:**

GEOG 31062 Fundamentals of Meteorology	3	GEOG 41062 Advanced Physical Geography	3
GEOG 31064 Principles of Climatology	3	GEOG 41066 Climate Change and Its Impact	3
GEOG 31080 Geography of Wine	3	GEOG 41073 Conservation of Natural Resources	3
GEOG 41050 Polar and Alpine Environments	3	GEOG 41074 Resource Geography	3
GEOG 41052 Glaciers and Glaciation	3	GEOG 41082 Geography of Soils	3

**Note 2: Social geography elective (3 credit hours), choose from the following:**

GEOG 31070 Population and Environment	3	GEOG 42064 Historical Geography of the United States and Canada	3
GEOG 32080 Politics and Place	3	GEOG 44010 Geography of the Global Economy	3
GEOG 34070 Economic Geography	3	GEOG 45085 Urban Transportation	3
GEOG 35065 Geography of Transportation/Spatial Interaction	3	GEOG 46065 Advanced Urban Geography	3
GEOG 36065 Cities and Urbanization	3	GEOG 46070 Urban and Regional Planning	3
GEOG 42040 Tourism Development and Recreational Travel	3		
GEOG 42052 Medical Geography	3		

**Note 3: Geographic information electives (3 credit hours), choose from the following:**

GEOG 44070 Spatial Analysis and Location Theory	3	GEOG 49163 Advanced Cartography Laboratory	1
GEOG 49070 Geographic Information Science	3	GEOG 49165 GeoMapping	3
GEOG 49076 Spatial Programming	3	GEOG 49210 Earth Imagery	3
GEOG 49080 Advanced Geographic Information Science	3	GEOG 49211 Earth Imagery Laboratory	1
GEOG 49162 Advanced Cartography	3	GEOG 49230 Remote Sensing	3

**Note 4:** \*\*\*\*\*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.

**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](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.

