

Geography - B.A.

College of
Arts and Sciences

Geography analyzes and explains the location of and interrelationships between human and physical features of the earth's environment. Geographers also examine how and why features and their locations change over time, with particular interest in the many impacts of these changes on both people and natural settings. Geography is, therefore, both a social and a physical science. Because its fundamental subject matter is people and their environments, the discipline serves as an effective bridge between the physical and cultural worlds.

Majors in geography build solid academic foundations that draw from and interrelate areas of study from the social and behavioral sciences, humanities, computer science and graphic communication, and the natural sciences. With developed analytical, critical thinking, and communication skills, geography is particularly useful for students wishing to enter such careers as economic development, environmental management, international trade, transportation analysis and planning, diplomacy, government administration from local to federal levels, market analysis, urban and regional planning, research, teaching, cartography, Geographic Information Systems (GIS), and private business.

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the major requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 113 of the *Arts and Sciences* section of the 2011-2012 *Undergraduate Bulletin* at: www.uky.edu/Registrar/bulletinCurrent/a_s.pdf.

UK Core Requirements

See the *UK Core* section of the 2011-2012 *Undergraduate Bulletin* at: www.uky.edu/Registrar/bulletinCurrent/ukc.pdf for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity	
Choose one course from approved list	3
II. Intellectual Inquiry in the Humanities	
Choose one course from approved list	3
III. Intellectual Inquiry in the Social Sciences	
Choose one course from approved list	3
IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences	
Choose one course from approved list	3
V. Composition and Communication I	
CIS/WRD 110 Composition and Communication I	3
VI. Composition and Communication II	
CIS/WRD 111 Composition and Communication II	3
VII. Quantitative Foundations	
Choose one course from approved list	3

VIII. Statistical Inferential Reasoning	
Choose one course from approved list	3

IX. Community, Culture and Citizenship in the USA	
Choose one course from approved list	3

X. Global Dynamics	
Choose one course from approved list	3
UK Core Hours	30

Graduation Writing Requirement

After attaining sophomore status, students must complete a Graduation Writing Requirement course. Please see your academic advisor for courses that meet this requirement.

Graduation Writing Requirement Hours:	3
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College Requirements

I. Foreign Language (<i>placement exam recommended</i>)	0-14
II. Disciplinary Requirements	
a. Natural Science	6
b. Social Science (<i>completed by Major Requirements</i>)	6
c. Humanities	6
III. Laboratory or Field Work	1
IV. Electives	6

College Requirement hours:	19-33
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Premajor Requirements

*GEO 130 Earth's Physical Environment	3
*GEO 172 Human Geography	3
Premajor hours:	6

**Course used towards completion of a UK Core Requirement.*

Major Requirements

Major Core Requirements

GEO 200 Concepts and Methodology in Geography	3
GEO 300 Geographic Research	3
GEO 305 Elements of Cartography	3
GEO 310 Quantitative Techniques in Geography	3
GEO 499 Senior Research Seminar	3

Major Core hours:	15
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Other Course Work Required for the Major

From the Major Department:

Breadth Requirements	6
Choose one regional geography course and one thematic geography course at the 300+ level.	

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The University of Kentucky is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of Kentucky.

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Geography Concentration Tracks 12
 Choose at least 12 hours of additional geography courses (200 level or higher) to include no more than six hours of GEO 560 (Independent Work in Geography) and GEO 399 (Internship in Geography). The following three tracks (Earth Environmental Systems, Human Geography, and Geographic Information Techniques) represent major areas within Geography and are provided as guidelines. Most students will find it useful to concentrate their 12 hours within one of the three tracks but this is not a requirement. Consult with your advisor in making these selections.

Track 1: Earth Environmental Systems (Physical Geography)

This concentration emphasizes the earth's physical environment, including soils and landscapes; fluvial and other hydrologic systems; weather and climate; and vegetation and animal life. Emphasis is on (a) the pattern of spatial variation these regimes exhibit; (b) the physical processes that underpin their historical and spatial development; and (c) the interactions between these regimes and human activity. Topical areas reflecting physical-human interactions include identification and analysis of pollution, mitigation of natural hazards, and the outcomes of environmental management strategies.

The Department strongly recommends that students in the Earth Environmental Systems Concentration pursue a Bachelor of Science degree.

GEO 230 Weather and Climate	3
^GEO 235 Environmental Management and Policy	3
GEO 351 Physical Landscapes	3
GEO 451G Fluvial Forms and Processes	3
<i>^Or other Physical Geography, GIS, Remote Sensing, Computer Cartography courses.</i>	

Track 2: Human Geography (HG)

Human Geography focuses on the identification, description, and analysis of: (a) human spatial behavior and cognition; (b) social, economic, and political processes as they are manifest locally and globally; and (c) the cultural impress of human activity on the landscape. Within these areas, students can focus on the socio-psychological aspects of space and place, including cultural differences in ways of knowing the world. They will learn about the processes that produce local-to-global distinctiveness in key problem areas including: poverty, injustice, and hunger; illness, disability, and disease; patriarchy, racism, and homophobia; and unequal access to natural resources, education, health, and safety. Students will also find an opportunity to learn how human practices and broader processes affect both our natural and built environments. Finally, students will learn practical tools to contribute to better world through their research, or professional participation in civil society, the private sector, or government agencies. The HG Track permits students to specialize in a particular region of interest, including East, South, Southwest (Middle East), and Southeast Asia, Europe, the Caribbean, and the United States, especially Appalachia and the South.

With the advice and consent of a faculty advisor, select from courses offered within the Department and other Departments, corresponding to a particular focus in HG.

GEO 240 Geography and Gender	3
GEO 256 Behavior in Space and Time	3
*GEO 260 Geographies of Development in the Global South	3
GEO 285 Introduction to Planning	3
GEO 409G Geographic Information Systems and Science: Fundamentals	3
GEO 422 Urban Geography	3
GEO 442G Political Geography	3
GEO 455 Economic Geography	3
GEO 465 Special Topics in Geography (Subtitle required)	3
GEO 475G Medical Geography	3
GEO 490G American Landscapes	3
GEO 544 Human Population Dynamics	3
GEO 545 Transportation Geography	3
GEO 546 Tourism and Recreation Geography	3
GEO 547 Geography of Information and Communications	3
GEO 550 Sustainable Resource Development and Environmental Management	3
GEO 585 Aging and Environment	3

**Course used towards completion of a UK Core Requirement.*

Track 3: Geographic Information Techniques (GIT)

The Geographic Information Techniques Concentration is concerned with all aspects of geographical information/data, including identification of data sources, collection, storage/retrieval, manipulation, analysis, and visualization. The GIT Concentration encompasses geographical information science (GIS), cartography, remote sensing, and spatial analysis.

GEO 309 Digital Geographic Data: Sources, Characteristics, Problems, and Uses	3
GEO 399 Internship in Geography	3
GEO 409G Geographic Information Systems and Science: Fundamentals	3
GEO 415 Map Interpretation	3
GEO 505 Practicum in Cartography	3
GEO 506 Introduction to Computer Cartography	3
GEO 508 Geographic Interpretation of Aerial Photography	3

From Outside the Major Department

Choose 15 hours outside Geography at the 300+ level. 200+ level courses used to satisfy College Requirements can also be counted here 15

Major hours: 48

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation 4

Total Minimum Hours

Required for Degree 120