

Summer 2008 Course Offerings

For more information contact your advisor or the Geography Department at 622 1273



Geo 101 – Introduction to Geography (Gen Ed 09 Soc Sci Principles)

This course provides students with a broad overview of the discipline of geography, introducing its principles and applying these to the study of human and natural systems. The spatial perspective of geography is explained in the course, and is utilized to help students understand the fundamental physical and social forces that shape our world. Special emphasis is given to the inter-relationships of society and nature, and to the impacts of culture on the landscape.

Richmond TBA TBA TBA ONLINE TBA Davis

Geo 200 – Regions and Nations of the World (Gen Ed 12 Soc Sci Contemp Prob)

Regions and Nations of the World is a basic survey course emphasizing geographic facts and interdependencies between the “developed” and developing” world. Particular emphasis is given to physical (environmental) and social interdependencies. The course is designed to introduce you to the fundamental human and physical features of the world’s major cultural regions. While the focus of the course is upon the core characteristics of the cultural landscape, emphasis is also given to geographic aspects of the modernization process, including both human and economic development.

50802	Richmond	TBA	TBA	TBA	ONLINE	TBA	Davis
51057	Richmond	TBA	TBA	TBA	ONLINE	TBA	Davis
	Richmond	MTWR	1000	1150	ROARK	203	Huffman
	Richmond	MTWR	1100	1350	ROARK	205	Huffman

Geo 210 – Introduction to Physical Geography (Gen Ed 14 Phys Lab Science, Gen Ed 15 Natural Science, Gen Ed 16 Natural Science)

Ever wondered why we have sinkholes in Kentucky, how mountains form, or what causes earthquakes, tsunamis, and hurricanes? This course provides a geographical perspective on the natural processes that form major components in our physical environment with an emphasis on weather and climate and landforms. Students will also learn how geographers study the physical environment and the interconnected linkages between physical and human systems. Through gaining a deeper understanding of the physical processes that influence our planet, students will recognize how and why physical and human phenomena vary from place to place. Key issues will include the dynamic and fragile nature of the planet’s natural systems, the processes involved in creating physical phenomena in the earth’s natural environment, geographic methods employed by practicing scientists, and human/environment interaction. It fulfills the Gen Ed Area 14 Physical Laboratory Science requirement.

	Richmond	MTWR	1000	1150	ROARK	204	Campbell
	Richmond	MTWR	1200	1350	ROARK	200	Yow
50150	Richmond	MTWR	1400	1550	ROARK	204	Campbell
50803	Richmond	MTWR	1000	1150	ROARK	200	Yow
	Richmond	MTWR	1400	1550	ROARK	204	Campbell

Geo 220 – Human Geography (3) A. Introduction to geographic study of human occupation of the earth, including patterns and processes of human activity and human/land interaction.

Richmond TBA TBA TBA ONLINE TBA Leppman

Geo 315 – Introduction to Meteorology (Gen Ed 15 Natural Science, Gen Ed 16 Natural Science)

Weather and climate affect our lives in countless ways. According to the American Meteorological Society, weather impacts more than \$1 trillion of the US economy. The same climate system that gives us gorgeous sunsets and beautiful, crisp autumn afternoons also causes natural disasters such as tornadoes and floods. Florida was hit by four hurricanes in 2004, yet this year’s hurricane season has been even more active. Why? While Kentucky suffered through a drought this past summer, monsoons caused severe flooding half a world away in India. How can atmospheric conditions be so different in two places at the same time? Meteorologists and climatologists can provide answers to many of our questions, but some theories and explanations are not universally accepted. For instance, the debate over greenhouse warming rages on as fights broke out in the US congress this summer after Rep. Joe Barton launched a controversial investigation into climate research. What’s really going on? Register for Geo 215 and find out!

Richmond MTWR 1100 1150 ROARK 205 Yow

Geo 450 – Field Studies – Galapagos

Field techniques and applied case studies of geographic topics in local and regional environs.

51858 Richmond TBA TBA TBA Galapagos Islands TBA Sambrook

Gly 102 – Earth Science for Teachers (Gen. Ed. IVB or VII (NS))

Prerequisite: pre-teaching and teaching elementary and middle school education majors only or departmental approval. This inquiry-based course for teachers integrates content, pedagogy and technology to explore Earth as an integrated set of systems and as part of the Solar System. Credit will not be awarded for both GLY 102 and GLY 302. 1 Lec/4 Lab.

Richmond MTWR 1000 1245 MEM SC 261 Jahn

GLY 107 – Gold and Diamond (Gen. Ed. IVB or VII (NS).)

The geology of gold and diamonds, including mineralogy, natural occurrence, exploration, and mining. The impact of gold, diamonds, and other important earth materials on the environment, history, and society will also be discussed. 2 Lec/2 Lab.

Richmond MTWR 1000 1150 ROARK 4 White

GLY 108 – Plate Tectonics: The Active Earth (Gen. Ed. IVB or VII (NS))

Investigation of the Earth as it exists and functions today, the materials that compose the Earth, the processes that act upon and within the Earth, and the interrelationship of both materials and processes with human activity. 2 Lec/2 Lab.

50177 Richmond MT 1300 1500 ROARK 100 Farrar
 50179 Richmond TR 1300 1500 ROARK 100 Farrar

GLY 302 – Earth Science (Gen Ed. VII (NS))

Introduction to the universe and our solar system, the Earth's atmospheric and climatic elements, its physical processes and features, organic development, and natural resources. Credit will not be awarded for both GLY 302 and GLY 102.

Richmond	MTWR	1000	1150	ROARK	100	White
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GLY 303 – Global Environmental Obstacles (Gen. Ed. VII (NS))

Investigation of the Earth as a complex set of interconnected systems that cycle elements, water, and earth materials over geologic and human time scales. The course emphasizes global environmental changes that occur on the planet because of human actions.

Richmond	TBA	TBA	TBA	TBA	TBA	Jahn
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GLY 500/700 – Earth Science Problems for Teachers

Prerequisite: departmental approval. Designed to fit the needs of individual students majoring in education (general science) who need special instruction in the earth sciences. Student must have the independent study proposal form approved by the faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of nine hours provided topic is different each time.

Richmond	TBA	TBA	TBA	ROARK	TBA	Farrar
Richmond	TBA	TBA	TBA	ROARK	TBA	White

GLY 580/780 – Selected Topics: New Foundland

Prerequisite: senior standing or departmental approval. Designed to explore specific aspects of geology. May be retaken to a maximum of six hours provided topic is different each time.

Richmond	TBA	TBA	TBA	ROARK	TBA	Lierman
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GLY 800 – Topics 1

Prerequisite: departmental approval. Designed to offer a range of geological topics for teacher education. May be retaken to a maximum of nine hours provided topic is different each time.

Richmond	MTWR	1400	1550	ROARK	200	Dieckmann
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GLY 800 – Galapagos Field Study Teach

Prerequisite: departmental approval. Designed to offer a range of geological topics for teacher education. May be retaken to a maximum of nine hours provided topic is different each time.

51272	Richmond	TBA	TBA	TBA	TBA	TBA	Sambrook
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GLY 800 – Topics

Prerequisite: departmental approval. Designed to offer a range of geological topics for teacher education. May be retaken to a maximum of nine hours provided topic is different each time.

Richmond	MTWR	930	1200	ROARK	4	Farrar
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GLY 800 – Topics 2

Prerequisite: departmental approval. Designed to offer a range of geological topics for teacher education. May be retaken to a maximum of nine hours provided topic is different each time.

Richmond	TBA	TBA	TBA	CORBIN	TBA	Dieckman
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NAT 380 – Science and Society (Gen. Ed. VII (NS))

By investigating incidences in which scientific knowledge interacts with society, this course attempts to understand the involvement of science with religion, government, technology, human population, energy, the environment, and the future.

Richmond	MTWR	1000	1150	MEM SC	71	Dieckmann
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