

GPH - GEOGRAPHY

GPH 1100 World Regional Patterns Cr. 4

Satisfies General Education Requirement: Global Learning Inquiry, Social Inquiry, Social Sciences

Concepts and theory in analyzing areal relationships and distinguishing regional patterns of human activity; cultural factors and physical conditions (climate, landforms) as factors in regional delineations; comparisons and contrasts in regional economic development; analysis of concentrations/dispersals of human activity; local, national and regional phenomena in the interpretation of global patterns. Offered Every Term.

GPH 2000 Introduction to Urban Studies Cr. 4

Satisfies General Education Requirement: Diversity Equity Incl Inquiry, Social Inquiry, Social Sciences

In this introductory urban studies course, students learn about the historic and contemporary forces driving urbanization with an emphasis on US cities and urban areas; the effects of these forces on diverse population groups; and challenges facing cities and strategies to resolve them. Although the course will draw from international contexts, wherever possible, experiences of and from the Detroit metro—city and suburbs—will be used to illustrate particular themes. Student learning centers on an examination of issues related to diversity, equity, and inclusion, and broader social phenomena. Offered Every Term.

Equivalent: HIS 2000, PS 2000, SOC 2500, US 2000

GPH 2200 Geography of Michigan Cr. 3

The spatial physical, social, environmental, settlement and developmental patterns and problems of the State of Michigan. Offered Intermittently.

GPH 2700 Introduction to Canadian Studies Cr. 3

Satisfies General Education Requirement: Foreign Culture, Global Learning Inquiry

Survey of Canada in its cultural, literary, historical, geographical and political aspects; key concepts and social patterns that define the Canadian experience. Offered Intermittently.

Equivalent: ENG 2670, HIS 2700, PS 2700

GPH 3130 Introductory Urban Geography Cr. 4

Satisfies General Education Requirement: Global Learning Inquiry, Social Inquiry, Social Sciences

Have you ever wondered why cities are the way they are? Why did humans start to live in cities in the first place? Why did they grow in the ways they did, and how do they function differently in different parts of the world? We explore the social, economic, and physical organization and functioning of cities in the US and all over the globe, aided by guest speakers who are experts on cities in Africa, Asia, and South America. We look at the ways space and place interact with money, power, and human nature to produce the built environment around us. And we explore the experience of living in a city through the lenses of culture, race, class, gender, and sexuality. Offered Yearly.

GPH 3200 Europe Cr. 3

Satisfies General Education Requirement: Social Inquiry, Social Sciences
Analysis of European countries. Emphasis on population changes resource problems, industrial location, urbanization, regional development, and emerging economic and political unities. Offered Intermittently.

GPH 3600 Introduction to Geographic Information Systems Cr. 4

Theory and application of computer-based systems for the analysis and representation of spatial data. Offered Yearly.

GPH 3900 Topics in Urban Studies and Geography Cr. 3

Special topics focused on Urban Studies and Geography. Offered Every Term.

Equivalent: US 3900

Repeatable for 6 Credits

GPH 3990 Directed Study Cr. 1-3

Readings and research. Offered Every Term.

Repeatable for 9 Credits

GPH 4600 Advanced Geographic Information Systems Cr. 4

Application of GIS to analyses of spatially-referenced data. Offered Yearly.

Prerequisites: GPH 3600 with a minimum grade of D-

Repeatable for 998.99 Credits

GPH 6420 Quantitative Techniques I Cr. 4

Statistical inference with emphasis on applications including central tendency, dispersion, hypothesis testing, correlation and regression. Offered for undergraduate credit only. Offered Yearly.

Restriction(s): Enrollment is limited to Undergraduate level students.

Equivalent: UP 6320

GPH 8999 Master's Thesis Research and Direction Cr. 1-8

Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students.

Repeatable for 8 Credits