Geography Course Descriptions

GEOG 2301 Social Relations and Spatial Organization (3 semester hours) An introduction to concepts and types of spatial organization, and to relationships between environment and behavior. An examination of ideas of space and place is followed by discussion of the relationships between social relations and spatial arrangement, and of the nature, functions, and types of territoriality. Systems concerns of spatial analysts are contrasted with behavioral concerns of environmental psychologists to permit a focused assessment of designers' concepts of territory, image and milieu, public and private spaces, etc. Among the related ideas reviewed are those of proxemics, mental maps, topophilia, and time-space budgets. The course concludes by classifying and exemplifying various modes of spatial organization: space-contingent, space-forming and space-transforming. (3-0) T

GEOG 2302 The Global Environment (3 semester hours) An introduction to the physical aspects of the world's geography emphasizing the interrelationships between the earth and its climate, vegetations, soils, and landforms. Provides a global perspective on the physical environment and the interactions between global systems to produce regional differences. (Same as GEOS 2302.) (3-0) T

GEOG 3301 Cultural Ecology (3 semester hours) Human communities adapt to their environments by means of their technologies and organizations, which in turn reshape the environment, in ongoing cycles. Cultural ecology, closely related to human ecology and cultural geography, is the study of such relationships. This course provides an introduction to the basic concepts of cultural ecology, with particular emphasis on the relations between land and the human population it sustains and the differentiation of urban and rural society. (3-0) T

GEOG 3304 Tools for Spatial Analysis (3 semester hours) An introduction to the primary methods used in geographic analysis. Topics include spatial statistics, cartography, and geographic information systems (GIS). This course is designed to provide a foundation for all other upper-level Geography courses. Prerequisite: SOCS 3303 or STAT 1342. (3-0) T

GEOG 3331 Urban Growth and Structure (3 semester hours) Deals with the economic and spatial processes underlying urban growth and regional development, and with the structural and demographic characteristics of urban areas as well as the social and psychological dynamics of urban life. (Same as ECO 3331.) (3-0) T

GEOG 3370 The Global Economy (3 semester hours) Considers the changing relationships of population, resources, and the economy, the transformation of classical spatial economics, and the processes producing increasing globalization. Particular attention is paid to technological change and to the dynamics of world trade and investment. (Same as ECO 3370.) (3-0) T

GEOG 3371 Introduction to Economic Development (3 semester hours) An introductory survey of development and economic growth in less developed countries. Examines various regions of the world in order to highlight the essential theories and processes of economic development. (Same as ECO 3371.) Prerequisites: ECO 2302. (3-0) T

GEOG 4396 Selected Topics in Geography (3 semester hours) Subject matter will vary from semester to semester. May be repeated for credit (9 hours maximum). (3-0) R

GEOG 4V97 Independent Study in Geography (1-6 semester hours) Independent study under a faculty member's direction. May be repeated for credit (6 hours maximum). Consent of instructor required. [(1-6)-0] S

GEOG 4V98 Internship (1-6 semester hours) May repeat for credit up to a total of six semester credit hours. Consent of instructor required. [(1-6)-0] S

GEOG 4V99 Senior Honors in Geography (1-6 semester hours) For students conducting independent research for honors theses or projects. May be repeated for credit, but no more than six hours may be taken by a student under this number. [(1-6)-0] S