

M.S. in Applied Geography

@ U of L

Department Mission and M.S. Program

The mission of the Department of Geography & Geosciences is to foster inquiry about the physical and social realms of the world's environments and the interactions that occur between these two realms. The M.S. program is a two-year program for full-time students, but also accommodates part-time students. Program requirements consist of 36 credit hours, including a thesis. Some departmental scholarships are available.

Course Offerings

Foundations -- 15 hours(Required)

GEOG 600: History and Philosophy of Geography
GEOG 640: Approaches and Methods in Applied Geography
GEOG 641: Research Design and Proposal Development
GEOG 656: Advanced Spatial Statistics
GEOG 660: Qualitative Methods

Electives -- 15hours (partial list)

GEOG 500: Globalization Seminar
GEOG 521: Medical Geography
GEOG 522: GIS and Public Health
GEOG 528: Urban Geography
GEOG 530: Transportation Geography
GEOG 531: GIS and Urban Demographic Analysis
GEOG 535: Retail Site Analysis
GEOG 555: Remote Sensing and Image Processing
GEOG 559: Advanced GIS
GEOG 561: Urban Environmental Quality
GEOG 564: Hydrology
GEOG 565: Natural Hazards
GEOG 583: Spatial and Non-spatial Database Management
GEOG 590/690: Special Topics
GEOG 691: Research and Independent Study
Up to 2 outside courses @ 500- or 600-level (with approval)

Thesis --6 hours (Required)

GEOG 698: Thesis

Eligibility and Admissions

Students from geography and related fields are encouraged to apply. Applicants must have completed a B.A. or B.S. with a cumulative GPA of 3.0 and a combined score of at least 1000 on the GRE (300 on revised GRE). Applicants must submit two (2) letters of recommendation addressing candidate skills and readiness for graduate study, as well as a letter of intent outlining educational goals.

Application Deadlines (for scholarship consideration)

March 15, 2012 (for Fall 2012)
October 31, 2012 (for Spring 2013)

The University of Louisville

The University of Louisville was established in 1798 and joined the Kentucky university system in 1970. The University includes 3 campuses and 11 colleges and schools. Its mission is to be Kentucky's premier, nationally-recognized metropolitan research university. The University includes nearly 22,000 students, over 6,000 faculty and staff members, and a library system that houses over 2,000,000 volumes and nearly 65,000 serials.

Faculty/Instructor Name

Research Areas

Andrew Day, Ph.D.

Hydroclimatology, Climate Change, Water Resources

Robert Forbes

GIS

Jafar Hadizadeh, Ph.D.

Geomorphology, Geologic Hazards, Environmental Geology, Earth Science Education

Carol Hanchette, Ph.D.

Medical Geography, Spatial Analysis, GIS, Globalization

David A. Howarth, Ph.D.

Climatology, Meteorology, Urban Climatology, Geographic Education

Keith R. Mountain, Ph.D.

Glaciology, Climatology, Geographic Education

Wei Song, Ph.D.

Transportation and Location Analysis, Urban and Regional Studies, GIS, Quantitative Methods, China and Asia

Margath A. Walker, Ph.D.

Qualitative Methods, Urban and Border Security, Mexico and Latin America

Haifeng (Charlie) Zhang, Ph.D.

Urban and Social Issues, Race and Ethnicity, GIS, Spatial Analysis Methods, China

Demetrio Zourarakis

Remote Sensing

For information, please contact:

Dr. Carol Hanchette
Department of Geography & Geosciences
University of Louisville
Louisville, KY 40292
(502) 852-2699

carol.hanchette@louisville.edu

University of Louisville: <http://louisville.edu>

