

*THE GRADUATE
PROGRAM IN
GEOGRAPHY AND
REGIONAL STUDIES*



UNIVERSITY
OF MIAMI



MASTER OF ARTS IN GEOGRAPHY

The MA program in the Department of Geography and Regional Studies focuses on advanced theoretical and practical applications of geographic science. Students will be able to improve their analytical skills to address current issues in human and physical geography and prepare themselves for careers in academia, public service, private industry and the non-governmental community. Many graduates of the MA program will pursue further academic and professional programs of study at UM and elsewhere. Worldwide, demand for professionals with geographic skills and perspectives is strong and expected to grow in the coming decade.

Building on research strengths within the Department, the MA program focuses on three thematic areas: (1) **Development Studies**, (2) **Environmental Analysis**, and (3) **Globalization and Urban Change**. For over 50 years, UM Geography has built a reputation for its research in immigration, urbanization, and globalization issues. In

2003, the Department added three new faculty members to expand its emphases in environmental geography, remote sensing and Geographic Information Systems (GIS). Regional faculty expertise includes Africa, the Caribbean, Latin America, the Middle East, North America, South Asia, Southeast Asia, and Western Europe.



Cattle herders in the West African Sahel

DEGREE COURSEWORK

Students have the choice of completing a Thesis option or a Two-Paper option. Both options require 30 credit hours.

Required courses include:

- GEG 501 – Place, Region, and Nature
- GEG 580—Introduction to Quantitative Methods
- GEG 603 – Advanced Research Design in Geography

One of the following:

- GEG 510 – Survey Research in Geography
- GEG 582 – Advanced Quantitative Methods
- GEG 591 – Introduction to GIS
- GEG 592 – Introduction to Environmental Remote Sensing
- GEG 681 – Advanced Spatial Statistics

Two or more of the following:

- GEG 511 – Field Studies Techniques
- GEG 535 – Supervised Internship
- GEG 625— Independent Study (Two-Paper option)

- GEG 637 – Development Studies
- GEG 645— Independent Study (Two-Paper option)
- GEG 661 – Globalization and Urban Change
- GEG 671 – Environmental Analysis
- GEG 710 – Master's Thesis
- GEG 720 – Research in Residence

Possible electives*:

- GEG 503 – Research Trends in Geography
- GEG 515 – Human Dimensions of Global Environmental Change
- GEG 520 – Immigration to the United States
- GEG 522 – Urbanization in the Developing World
- GEG 525 – Problems in Geography
- GEG 553 – Seminar on South Florida
- GEG 620 – Political Geography
- GEG 661 – Advanced Urban Geography

***For a complete listing of GEG course offerings see www.miami.edu/umbulletin/**

FACILITIES AND RESOURCES



*Antonio Ferré Building –
Home of the Department of Geography
and Regional Studies*

The Department's GIS Laboratory is home to fourteen Pentium workstations, and maintains licenses for Erdas Imagine, ArcGIS, ArcView and related extensions, Idrisi, Cartalinx, SPSS, SAS,

MINITAB, and Microsoft Office. The GIS Lab is supervised by a full-time manager, who assists students and faculty with their cartographic research. In addition to Departmental resources, the University's Otto G. Richter Library has a wide collection of Geography-related texts and professional journals, many of which are available on-line and accessible through the University's high-speed network.

The University also boasts a new remote sensing facility—The Center for Southeastern Tropical Ad-

vanced Remote Sensing (CSTARS), which collects and maintains extensive archives of SPOT, Radarsat, and other earth satellite imagery. Opportunities exist to collaborate with faculty and students at CSTARS and throughout the University community, including the Rosenstiel School for Marine and Atmospheric Sciences, and the UM Medical School, both internationally recognized centers of academic excellence.



Department's GIS lab

LIVING AND WORKING AT UM



The University of Miami is renowned for its beautiful campus, diverse student body, and championship sports teams but is also lauded for its growing commitment to research and academics in all fields of study.

The University provides students with ample resources to enhance their education; Miami and the surrounding area represent a natural laboratory to study everything from immigration and urban development, to the ecology of invasive species and water resource management.

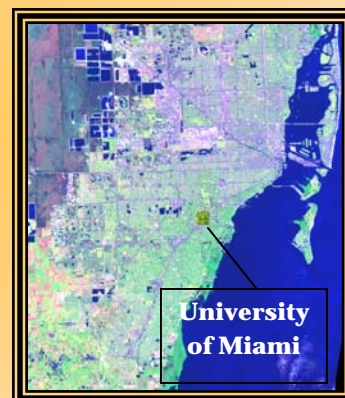
Miami has something of appeal for everyone. As the gateway to the Americas, the city is home to an abundance of diverse cultural festivals, museums, theater, and music events. People flock from



around the world to enjoy the warm waters, sunshine, and nightlife of Miami Beach and the Florida Keys.

Outdoor enthusiasts revel in the variety of year-round activities, including SCUBA diving, kayaking, bicycling, golf, tennis, swimming, wildlife photography, and fishing.

On campus, opportunities to become involved in organizations, including the Graduate Student Association, intramural sports, and academic honor societies such as Gamma Theta Upsilon (GTU) abound.



Landsat Image of Miami and Vicinity

ASSISTANTSHIPS AND SCHOLARSHIPS

A number of competitive Graduate Assistantships are available. These include full tuition remission plus stipend. Recipients of such awards often will have the opportunity to assist faculty in teaching introductory undergraduate courses, particularly in World Regional Geography and Physical Geography.

Faculty with funded research provide a range of unique opportunities for graduate students to assist with various projects. Interested candidates should

contact individual faculty members working in their area of interest for current opportunities.

In addition, there are a number of competitive scholarships and fellowships available through the University. Visit www.miami.edu/grad/opportunities, or contact the financial aid office at 305-284-5212 for more information .

APPLICATION AND ADMISSION

Candidates should apply online at www.miami.edu/grad/.

Applicants must supply: Official transcripts of all previously completed undergraduate and graduate work; recent (within five years) Graduate Record Examination (GRE) scores, with a minimum expected score of 1100; three letters of recommendation, \$65 application fee, and statement of interest.

International applicants whose native language is not English must also take and submit results of the Test of English as a Foreign Language (TOEFL). The minimum acceptable scores are: 600 for the paper based test, 250 for the computer based test, and 100 for the internet based test.



"Knowledge of world geography is essential to understand how the global economy works and how globalization increasingly affects our daily lives. I consider it a critical part of a first-class liberal arts education."

– UM President
Donna E. Shalala

GEOGRAPHY FACULTY AT UM

Thomas D. Boswell, Ph.D., Columbia University, 1973 • Immigration, world population problems, ethnicity, housing segregation and discrimination • The Caribbean

Douglas O. Fuller, Ph.D., University of Maryland, 1994 • Remote sensing, biological conservation, GIS and land cover change • Southeast Asia, Africa, United States

Richard Grant, Ph.D., University of Colorado, 1991 • Economic geography, trade, economic globalization, urbanization in the developing world • West Africa and India

Laurence Kalkstein, Ph.D., LSU, 1974 • Climate and human health, bio-climatology, applied climatology, synoptic climatology

Miguel Kanai, Ph.D., UCLA, 2008 • Urbanization, globalization, territorial policies and politics of redevelopment in globalized cities, and postcolonial urban theory • the Americas

Peter O. Muller, Ph.D., Rutgers University, 1971 • Suburbanization and the changing geography of employment within large metropolitan areas, urban structural transformation • United States

Shouraseni Sen Roy, Ph.D., Arizona State University, 2005 • Climatology, rainfall, GIS, spatial analysis • South Asia

Ira Sheskin, Ph.D., Ohio State University, 1977 • Ethnic geography, particularly that of the Jewish population, quantitative methods, and survey research • Middle East

Justin Stoler, Ph.D., SDSU & UCSB, 2012 • Geographic patterns of urban health disparities, particularly in the developing world, & environmental influences on social and behavioral epidemiology

For More Information Please Contact:

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