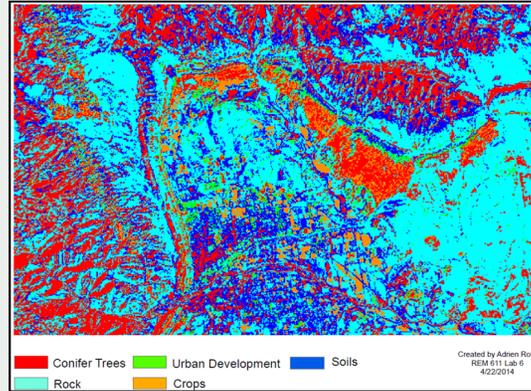


MAS-GIT Degree Program

Geospatial information technologies are innovative approaches that government agencies, private businesses and non-profit organizations increasingly employ to understand problems and make informed decisions. The Department of Biological Science and the Center for Interdisciplinary Geospatial Information Technologies pool their academic and professional resources and expertise in remote sensing and GIS to offer this graduate program.

The MAS-GIT is an intensive 16-month online degree program that offers advanced coursework, practicum, and independent research opportunities in the application of geospatial science and technologies. Online delivery of coursework offers students the flexibility needed for advancing their career without interrupting current work duties. Resources are also available on campus for student access. Balanced course study and practical learning experience engage students in applying spatial analysis tools to solve a wide range of contemporary problems in urban and regional planning, natural resources, environment, ecology, economy, and business.



Geospatial technologies for earth surface landscape mapping and information extraction

The Master of Applied Science in Geospatial Information Technologies degree offers education and practice of geospatial information science, advanced geospatial analysis, remote sensing, digital image processing and information extraction, photogrammetry, computer programming and innovative research.

For more information, please visit:
<http://www.deltastate.edu/artsandsciences/biological-sciences/programs/mas-git/>

Dr. Yongqin Zhang

Assistant Professor
Director of the Graduate Program
Master of Applied Science in Geospatial Information Technologies

Walters Hall 116B
Department of Biological Science
Delta State University, Cleveland, MS 38733
Phone: 662-846-4251
Fax: 662-846-4798
Email: yzhang@deltastate.edu



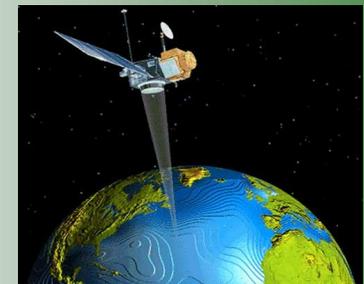
Signature Program

**Master of Applied Science
in
Geospatial Information Technologies
(MAS-GIT)**

Delta State University



**Department of
Biological Science**



Institutional programs are accredited by the
Commission on Colleges of the Southern
Association of Colleges and Schools



Airborne hyperspectral remote sensing image acquisition for vegetation health and productivity study

Admission

Full admission to the MAS-GIT program may be granted to the applicant who:

1. Meets all requirements for admission to Graduate School.
2. a. Has earned a baccalaureate degree from an accredited institution in a related discipline (e.g., biological and physical sciences, environmental management, computer information systems, social sciences, interdisciplinary studies).

OR

b. Applicants may be considered for admission to the program if they have earned a baccalaureate degree from an accredited institution and have at least three years of successful relevant experience supported by three letters of recommendation from practitioners in the field.

3. Has earned GPA 2.75 or higher on all undergraduate coursework for full admission. GPA between 2.05 and 2.75 may be provisionally admitted.
4. Submit a 1-2 page written statement describing why they wish to enter the program and how the program can lead to career success.
5. Two reference letters supporting the application.

Application Deadline: May 1 for Fall term enrollment. Late applications between May 1 and August 1 will be up to the admission committee's decision for consideration of Fall term enrollment.

Program Objectives

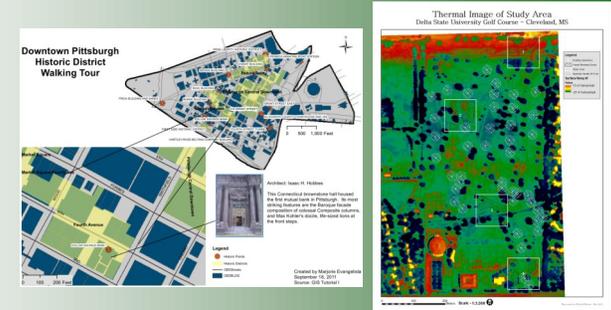
The MAS-GIT program is designed to meet the needs of students from a variety of academic and professional backgrounds (e.g., biological and physical sciences, environmental management, computer information systems, social sciences, interdisciplinary studies) who have completed an undergraduate degree and seek advanced academic training in geospatial information technologies.

The program focuses on state-of-the-art geospatial science and technologies that practitioners in geospatial fields seek. The program combines a professional orientation with an academic foundation by requiring both course work and practicum. Students are provided with research opportunities to solve and document real world geospatial problems. The program prepares students for entering professions and advancing careers in government, private industry, and academic research in geospatial fields.



Measuring spectral features and biochemical content to detect plant growth and health

Route to Academic and Professional Advancement



Graduate students gain valuable experience through real-world class assignments

Program of Study

Fall and Spring semester courses

- GIS602 Introduction to Geospatial Science and GIS
- REM616 Remote Sensing
- GIS631 Photogrammetry
- GIS610 Advanced GIS
- REM611 Digital Image Processing
- GIS661 Geospatial Mathematics, Algorithms and Statistics

Summer I courses (elect one class)

- GIS551 Business Geographics
- GIS570 Programming GIS
- GIS681 Community Growth

Summer II courses (elect one class)

- REM641 Advanced Sensor Systems and Data Collection
- GIS580 Internet GIS and Spatial Databases
- REM631 Information Extraction from Multi-, Hyper-spectral and Lidar Data

The following fall semester

- GIS690 GIS Capstone