

MASTER OF APPLIED SCIENCE DEGREE IN GEOSPATIAL INFORMATION TECHNOLOGIES

Purpose. The MAS-GIT is a fully online degree program 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.

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.

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. Earned a grade point average of 2.5 or higher on all undergraduate coursework.
4. Candidates for admission must submit a written statement describing why they wish to enter the program and how the program can lead to career success.

Application and all supporting materials are accepted for admission consideration through August 15 for Fall term enrollment.

Degree Requirements. A candidate for the Master of Applied Science in Geospatial Information Technologies is required to meet the following:

1. Fulfill general requirements for a graduate degree at Delta State University.
2. Complete a minimum of 30 semester hours of graduate credit consisting of 24 hours of required courses and 6 hours of approved electives.
3. Earn a grade of "B" or better for each course.
4. Earn an overall GPA of at least 3.0.

Student Responsibility. The graduate student must accept full responsibility for knowing and following the policies and regulations of DSU graduate programs, as well as requirements specific to the degree program.

Curriculum: Required courses 24 hours, approved electives 6 hours.

Fall

GIS 602.Introduction to Geospatial Science and GIS (GIS I).....	3
GIS 610.Advanced GIS (GIS II)	3
GIS 661.Geospatial Mathematics, Algorithms, and Statistics...	3

Winter Intersession (Select 1)..... 3

- GIS 551.Business Geographics
- GIS 570.Programming GIS
- GIS 681.Community Growth

Spring

REM 616.Remote Sensing.....	3
GIS 611.Digital Image Processing.....	3
GIS 631.Photogrammetry.....	3

Spring Intersession (Select 1)

REM 641.Advanced Sensor Systems and Data Collection.....	3
GIS 580.GIS for the Internet and Spatial Databases.....	3
REM 631.Information Extraction Using Multi-, Hyper-, and Ultra-Spectral Data	3

Summer (I and II)

GIS 690. GIS Capstone.....	6
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Total semester hours	30
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