

# MASTER OF SCIENCE IN SPATIAL ANALYSIS FOR PUBLIC HEALTH (M.S.)

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## Purpose

The Master of Science in Spatial Analysis for Public Health is an innovative program designed to provide students with a unique and comprehensive education integrating public health, global health, and environmental health with Geographic Information Systems (GIS). Students will be trained to think beyond traditional paradigms in public health as they are equipped to engage emerging fields by utilizing the best available technology while embodying a dedication to serving others, shaped by their training as health science professionals and *champions for Christ*.

## Program Learning Outcomes

The student will be able to:

- Apply evidence-based, data analysis methods.
- Communicate data in contextually appropriate modes.
- Propose solutions that address global health challenges and are supported by knowledge of the literature of Health Sciences and the ethics of a Christian worldview
- Assess geographic data for health sciences application.
- Design spatial analysis products for addressing global health challenges.

## Program Specific Admissions Requirements

In addition to the general admission requirements, admission to candidacy in the *M.S. in Spatial Analysis for Health Sciences* program requires:

1. Earned baccalaureate degree or its equivalent from an institution accredited by an agency recognized by the U.S. Department of Education (e.g., SACSCOC, TRACS, ABHE, etc.)
2. An undergraduate cumulative GPA of 3.00 or above (on a 4.00 scale)
3. TOEFL (if applicable)

Students who do not meet the minimum Good Standing GPA requirement may be admitted on Academic Caution status. Students who have an undergraduate GPA below 2.75 will not be admitted to the program.

## Transfer Credit

Students may transfer up to 50% credit hours from an accredited institution subject to department approval. In order to transfer credit, students must have earned the minimum grade of B-, and courses must have been completed within 10 years of the start date of the program. Credits from a prior degree on the same academic level earned through Liberty University are considered transfer credits.

## Program of Study Delivery Format: Online Only

- Spatial Analysis for Public Health (M.S.)

## Career Opportunities

- Medical Geographer
- Public Health Analyst
- Environmental Health Scientist
- Research Scientist
- Health Informatics Specialist
- Disaster Response Planner
- Policy Analyst
- Entrepreneur/Innovator