

Master Program in Geospatial Information Technology

- State Key Lab of Information Engineering in Surveying, Mapping and Remote Sensing

The MSc program in Geospatial Information Technology includes the following specializations:

- Photogrammetry and Remote Sensing
- Geodesy and Surveying Engineering
- Cartography and Geographic Information Engineering

Study year:

The study year at WHU starts during the summer term:

Summer term: September-January

Winter term: February – July

The vacation between terms starts in July and lasts two months.

Generally the MSc programme lasts two years, but is not to exceed four years.

Credits:

To obtain an MSc degree, the students are required to earn 36 credits in the Wuhan University Credit System (of which at least 26 are for degree courses, 10 are for the Master's Thesis).

There is no fixed amount of credits required each semester. If the students select more courses, they can earn more credits.

One credit in the Wuhan University Credits System corresponds to 18 hours of classes.

Master's Thesis:

A written thesis must be submitted and be defended in a colloquium.

(1) The Master's Thesis will be supervised by one WHU supervisor.

(2) A thesis proposal must be submitted at least half a year before defence. A committee will review this proposal to determine if the subject is appropriate and whether the topic is relevant to the field of study. If the committee does not see any value in the chosen topic, the thesis will not be approved.

(3) A status report must be submitted to the supervisor every three months after thesis work begins. The status report must provide a summary of the work that has already been

done and also must give an outlook on the anticipated outcome together with a schedule for the time until submission.

(4) The Master' s Thesis must be defended in a colloquium at WHU. A master candidate must submit an application for an area of study:

Curriculum in Geospatial Information Technology

Courses	WHU Credits	WHU Credits
Mandatory courses		
Comprehensive Chinese	2	
Outline of China	3	
Principles of Remote Sensing	2	
Principles of Photogrammetry	2	
Principles of GIS	2	
Principles of Geodesy	2	
Principles of GNSS	2	
Research Methodology and Scientific Writing	2	
Seminar (Research Review and Proposal Preparation)	1	
Internship	2	
		20
Optional courses		
Advanced Topics on Remote Sensing	2	
Microwave Remote Sensing	2	
Hyperspectral Remote Sensing	2	
Signal Processing and Analysis	2	
Geodynamics	2	
Generalized Adjustment	2	
Integrated Navigation Systems	2	
Spatial Data Structures and Algorithms	2	
Spatial Database Management	2	
Geographic Information Services	2	
Spatial Statistics and Analysis	2	
		6
Total:		26

For the specialization the following courses are mandatory:

- Photogrammetry and Remote Sensing
 - Advanced Topics on Remote Sensing
 - Signal Processing and Analysis
- Geodesy and Surveying Engineering
 - Geodynamics
 - Integrated Navigation Systems
- Cartography and Geographic Information Engineering

- Spatial Database Management
- Spatial Data Structures and Algorithms

Contact Information:

For more information, please link to our website: <http://admission.whu.edu.cn>

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