

Ph.D. Program in Geospatial Information Technology

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

The Ph.D. 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 Ph.D. program lasts three years, but is not to exceed six years.

Credits:

To obtain a Ph.D. degree, the students are required to earn 14 credits in the Wuhan University Credit System (of which at least 8 are for degree courses and 6 are for optional courses).

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.

Publication requirement:

The basic publication requirement for a Ph.D. degree is two refereed papers, with one indexed by SCI/SSCI (or specified journals) and the other EI paper including conference paper).

Doctor's Thesis:

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

(1) The Doctor's Thesis will be supervised by one WHU professor.

(2) A thesis proposal must be submitted at least one year before the 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 proposal will not be approved.

(3) A status report must be submitted to 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 Doctor's Thesis must be defended in a Doctoral Colloquium at WHU. A doctoral candidate must submit an application for an area of study:

Curriculum in Geospatial Information Technology

Courses	WHU Credits	WHU Credits
Required courses		
Comprehensive Chinese	2	
Outline of China	2	
Research Methodology and Scientific Writing	2	
Seminar (Research Review and Proposal)	2	
		8
Optional courses		
Advanced Photogrammetry	2	
Advanced Topics on Remote Sensing	2	
Microwave Remote Sensing	2	
Hyperspectral Remote Sensing	2	
Geodynamics	2	
Spatial Geodesy	2	
Advanced Topics of GNSS	2	
Generalized Adjustment	2	
Spatial Statistics & Analysis	2	
Advanced Geographic Information Technology	2	
Digital Terrain Surface Simulation and Its Methods	2	
Advanced Topics in Cartography	2	
CyberGIS	1	
Spatio-Temporal Big Data Analytics and Data	2	
		6
Total:		14

For the selected specializations the following optional courses are mandatory:

- Photogrammetry and Remote Sensing
 - Advanced Photogrammetry
 - Advanced Topics on Remote Sensing
- Geodesy and Surveying Engineering
 - Spatial Geodesy
 - Advanced Topics of GNSS
- Cartography and Geographic Information Engineering
 - Advanced Geographic Information Technology
 - Advanced Topics in Cartography

Contact Information:

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

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