



### The MSc in Geography

- ... is intended for students with a first degree in Geography or comparable degree programmes.
- ... lasts four semesters and comprises 120 European credits.
- ... consists of a core area and three specialisations (Geographical Development Studies, Terrestrial Systems and Environmental Hydrology), one of which is chosen at enrolment.

### The Institute of Geographical Sciences

- ... has established a worldwide research network with projects in Europe, Asia, Africa and America.
- ... offers students the opportunity to link their studies and master's thesis with excellence clusters and graduate schools.
- ... is located together with the Institute of Geological Sciences on GeoCampus Lankwitz, which also accommodates the Earth Science library and map collection, several laboratories and computer pools, an experimental hydraulic flume, a student dining hall and a cafeteria.

### Freie Universität

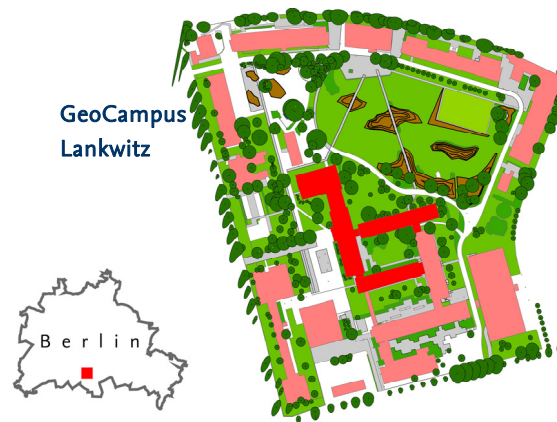
- ... is one of the world's leading universities and one of the largest in Germany.
- ... offers a modern, international atmosphere.
- ... combines excellence with a wide range of research and teaching.

### Berlin

- ... has an excellent academic environment of universities and research institutions.
- ... does not charge tuition fees.
- ... provides attractive and wide-ranging cultural activities.

### Contact details

Freie Universität Berlin  
Institute of Geographical Sciences  
Malteserstr. 74-100  
D-12249 Berlin, Germany  
Information about the MSc programme in Geography and how to apply: <http://www.master.fu-berlin.de/geographie>



### Master of Science Geography

Geographical Development Studies  
Terrestrial Systems  
Environmental Hydrology





# Master of Science Geography

Core modules: Geographical Skills and Techniques, GIS and Remote Sensing, Human-Environment Relations

## Geographical Development Studies

## Terrestrial Systems

## Environmental Hydrology

### Contents

- Theories and methods of geographical development studies
- Regional geography of South and Central Asia
- Decentralisation and municipal development
- Methods of regional planning
- International development cooperation

### Aims

- Expertise in theories, models and methods of social science
- Understanding of spatial structures and processes in developing and transition countries
- Skills in the field of participatory methods and empirical development studies

### Prospects

- Development cooperation
- Consulting work in bilateral and international development projects
- Academic research
- in universities and non-university research institutions
- in governmental and non-governmental development organisations
- in communications and the media.

### Contents

- Qualitative and quantitative hydrology
- Hydrology of urban and rural spaces
- Extreme hydrological events (flood, droughts)
- Watershed management
- Hydrological modelling

### Aims

- Practice-oriented expertise in environmental hydrology
- Experience in modern hydrological measurement and monitoring techniques
- Hydrological modelling skills

### Prospects

- Surface and ground water management
- Adapting water management to climate change
- Development and application of hydrological models
- Flood protection concepts, flood prediction
- in universities and research institutions
- in water management enterprises
- in water associations
- in local, state and federal authorities (water protection and nature conservation authorities, flood control centres, state planning departments, etc.)

