

# Raumplanung

## Spatial Planning

### Urban-, Regional- and Infrastructure Planning

*"For every site there is an ideal use.  
For every use there is an ideal site."*

*John O. Simonds, Landscape Planner and Environmentalist*



The United Nations' Millennium Development Goals top the global agenda of the 21st century. These goals can be reached only in a spirit of global co-operation, self-determination and peace. It necessitates first and foremost the exchange of knowledge and experience.

### The Organisation

The German Academic Exchange Service (DAAD) has a long tradition of worldwide academic co-operation and is a major player in this field. The DAAD is not only supporting the training and graduation of academics but also of young professionals of public and private authorities, institutions, and enterprises in developing countries and countries in transition.

### The Programme Line

Already in 1987 the DAAD started the particular scholarship programme "Postgraduate Courses for Professionals with Relevance to Developing Countries" focussing on the practice oriented graduation of young professionals. Meanwhile this programme has grown to more than 40 Master's and PhD courses at various German universities which are taught mostly in English.

Since then more than 5.000 scholarship holders graduated from these courses in various subject areas like

- **Spatial Planning**
- **Economy**
- **Water**
- **Environment**
- **Health**
- **Education**

Globalisation results in ever narrower co-operation of human beings with different cultural background. Thus besides modern professional subject knowledge the ability to communicate inter-culturally gains more and more importance. This challenge the DAAD meets by a new line of region oriented cross-border Master's programmes for Germans (Europeans) and participants from the respective region. The courses are taught in English and are realised partly in Germany and partly abroad. Graduates are awarded joint or double degrees.

**Following we present the programme line of Master's courses in the field of Urban-, Regional- and Infrastructure Planning:**

### For further information please contact

DAAD  
Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service  
Section 431 – Postgraduate Courses for Professionals  
P.O. Box 20 04 04  
53175 Bonn, Germany

Phone: +49 228 882 298

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e-mail: [info-ast\[at\]daad.de](mailto:info-ast[at]daad.de)

Website: [www.daad.de/development](http://www.daad.de/development)



## Course title

Urban Management

## Course focus

- Focus on development situations in the South and transition countries
- Issues addressed are related to the most urgent problems of urban development in many countries, including environmental degradation, uncontrolled urban growth, insecure land tenure, substandard housing conditions for the urban poor, inadequate decision making, etc.
- Training in management approaches that cross the boundaries of isolated professional knowledge and aim to present workable solutions for city management
- Teaching draws on case studies and experience gained by local governments, NGOs and the private sector

## Target group

Professionals and executives of public and private institutions, authorities, enterprises, NGOs, etc., working in the field of urban management

## Entry requirements

- Bachelor degree in architecture, urban planning, geography, civil engineering, or similar related disciplines
- At least 2 years' practical experience in a field related to urban management
- English language proficiency (TOEFL: 230 computer based, 550 paper based, 80 internet based)

<b>Course duration</b> 3 semesters (18 months) + preparatory German language course	<b>Course begin</b> Annually in October
<b>Course language</b> English	<b>Application deadline</b> April 30th For scholarships visit website

## Degree awarded

Master of Science in Urban Management

## Contact / further information

Urban Management Programme  
Berlin University of Technology  
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Website: [www.urban-management.de](http://www.urban-management.de)



## Course title

Technology and Resources Management in the Tropics and Subtropics

## Course focus

- Interdisciplinary approach to multifaceted resource use and management problems in the tropics and subtropics (focal areas 'urban and regional management' or 'environmental land management')
- In depth knowledge and skills in urban and regional management with focus on sustainability of cities: resources and energy efficiency, housing, heritage and governance; or environmental and land management with focus on land use and agricultural production systems, ecosystem management and nature conservation
- supported by environmental and management sciences, system and information sciences, resource economics
- Develop methodological and social competencies as well as analytical and problem solving capacity in interdisciplinary and intercultural environments
- Lectures, seminars, case studies and field trips taught by international staff

## Target group

Young scientists and professionals in the fields of engineering, natural sciences, agriculture/forestry, architecture, geosciences interested in resources management in the tropics and subtropics and in international cooperation

## Entry requirements

- B.Sc. degree or equivalent in architecture, agriculture/forestry, life sciences, geosciences, engineering or informatics. In individual cases it is possible to admit graduates of other faculties
- English language certificate (TOEFL: 550 paper based, 213 computer based, 79 internet based, IELTS: 6.0, GCSE C or equivalent)
- For further specific requirements, please refer to webpage

<b>Course duration</b> 4 semesters (24 months) + preparatory German language course	<b>Course begin</b> Annually in September
<b>Course language</b> English	<b>Application deadline</b> July 15 at UNI-ASSIST For scholarships visit website

**Degree awarded** Master of Regional Science

## Contact / further information

ITT Institute for Technology and Resources Management  
in the Tropics and Subtropics  
Cologne University of Applied Sciences  
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Website: [www.tt.fh-koeln.de](http://www.tt.fh-koeln.de)

## Course title

SPRING - Regional Development Planning and Management

## Course focus

- The international SPRING university network offers a combination of intensive training in development theories and strategies, planning methods, as well as implementation and monitoring tools with strong practice oriented focus
- SPRING students acquire broad inter-sectoral knowledge with strong emphasis on sustainable resource management, physical infrastructure planning and socio-economic development planning in rural and urban areas
- SPRING graduates are qualified to perform different roles in the course of the planning process and design regional development activities in a pragmatic, problem and action oriented manner

## Target group

Professionals from the field of urban and regional planning

## Entry requirements

- Bachelor degree or equivalent in a field related to regional or urban planning with significantly above-average grades
- A high-standard proficiency in written and spoken English (certified through proficiency test, e.g., TOEFL: 540 paper based, 220 computer based, 80 internet based, IELTS: 6.0)
- Two years of professional practice in a planning-related field is desirable
- A strong commitment to further work in regional development planning

<p><b>Course duration</b> 4 semesters (24 months) + preparatory German language course</p>	<p><b>Course begin</b> Annually in October</p>
<p><b>Course language</b> English</p>	<p><b>Application deadline</b> October 15 (for intake in the next year) For scholarships visit DAAD website</p>

## Joint Degree awarded

Master of Science

## Contact / further information

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Faculty of Spatial Planning, ISPC/SPRING  
44221 Dortmund  
Germany

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Website: [www.spring-master.net](http://www.spring-master.net)



## Course title

PhD Programme "Agricultural Economics and Related Sciences"

## Course focus

- The PhD programme starts with about four months of course work, followed by thesis research, including about six months of home leave for data collection
- The thesis topic may deal with any kind of agricultural development at micro, regional or macro level, including related fields, like environmental problems or rural development in the candidate's home country
- One aim is to qualify the candidates as researchers and teachers, who are then able to analyse problems and develop solutions for their home countries in a systematic way
- Another aim is for former PhD students to act as multipliers of knowledge at universities or other institutions in their home countries
- A long-term co-operation and continuing exchange activities are supported through a re-invitation programme for former PhD students to return to their original university in Giessen or Hohenheim

## Target group

- Young scientists from Universities and Research Institutes in Africa, Asia, Latin America with two years of professional experience after MSc degree
- Applications from MSc degree holders employed in the administration, consulting companies and private industry are also accepted to a certain extent

## Entry requirements

- Master's degree or equivalent is required with a minimum grade of A or B (the better the grade, the higher the chances)
- Master's exam should be finished at least two years before applying to ensure work experience of the candidates
- TOEFL: 550 paper based, 213 computer based, 79 internet based, IELTS: 6.0 or equivalent is precondition

<b>Course duration</b> 7 semesters (42 months), including a 4-month German Course	<b>Course begin</b> Annually in October, (a mandatory German language course starts on June 1st)
<b>Course language</b> English	<b>Application deadline</b> December 20 For scholarships visit the website

**Degree awarded** Dr. agr. (equivalent to PhD in Agricultural Economics)

## Contact / further information

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Website: [www.uni-giessen.de/Regionalplan/daad/daad.htm](http://www.uni-giessen.de/Regionalplan/daad/daad.htm)

# AG TZE

## Course title

Geotechnique and Infrastructure in Civil Engineering and Surveying

## Course focus

- Mediation of modern practice oriented methods and technologies of civil engineering on a scientific basis
- Amplification of the practical and theoretical level of knowledge
- Application of construction methods under consideration of the resources of the home countries
- The programme provides a large set of courses in the fields of soil mechanics, material technologies, computer applications, traffic planning and water engineering

## Target group

Civil engineers from all over the world who want to obtain an additional qualification for processing projects and who want to develop the future infrastructure of their home countries

## Entry requirements

- B. Sc. or comparable in civil engineering or a related discipline, furthermore at least 2 years of professional experience
- The age limit is 36 years

<b>Course duration</b> 4 semesters (24 months) + preparatory German language course	<b>Course begin</b> Annually in October
<b>Course language</b> German	<b>Application deadline</b> For scholarships as well as for self-financed studies visit website

## Degree awarded

Master of Science for Geotechnique and Infrastructure

## Contact / further information

Leibniz University of Hannover  
Working Group on Cooperation with Developing Countries  
Univ.-Prof. Dr.-Ing. Martin Achmus  
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30167 Hannover, Germany

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e-mail: [info@agtze.uni-hannover.de](mailto:info@agtze.uni-hannover.de)  
Website: [www.agtze.uni-hannover.de](http://www.agtze.uni-hannover.de)

## Course title

Master's Programme Regional Science / Spatial Planning

## Course focus

- Integrated approach: combination of regional science (for regional analysis), regional planning and regional management (for regional development concepts)
- International context with focus on emerging, transition and developing countries
- Interdisciplinary and intercultural atmosphere
- Course in German

## Target group

Highly motivated people from emerging, transition and developing countries with appropriate university degree and interest in learning methods, instruments and tools for analysing and developing spatial planning concepts for their home regions

## Entry requirements

- Appropriate university degree above average
- Practical experience in spatial planning (town and country planning or sectoral planning on local, regional or national level)
- Good German language skills: DSH (Deutsche Sprachprüfung für den Hochschulzugang), level 2

<b>Course duration</b> 4 semesters (24 months) + preparatory German language course	<b>Course begin</b> Annually in October
<b>Course language</b> German	<b>Application deadline</b> July 15 For scholarships visit DAAD website

## Degree awarded

Master of Regional Science

## Contact / further information

KIT IfR  
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Website: [www.ifr.kit.edu](http://www.ifr.kit.edu)





## Course title

Master's Programme Land Management and Land Tenure

## Course focus

- The course focuses on interdisciplinary approaches to land policy, land governance and land management in the rural as well as in the urban context
- geodetic, planning and engineering skills for land management
- methods of land administration, land (use) management, land conflicts resolution and environmental risk management
- political, regulatory and socio-economic frameworks
- case studies, field trips and lectures given by experts with broad practical experience at national and international levels

## Target group

Mid-career professionals of public and private institutions working in the field of land management

## Entry requirements

- A qualified Bachelor's degree or equivalent
- At least two years of work experience in a field related to land management
- English language requirements for non-native speakers:
  - TOEFL (Test of English as a Foreign Language): 550 paper based, 213 computer based, 79 internet based
  - IELTS (International English Language Testing System): 6.0
  - Cambridge Main Suite of English Examinations: CAE, CPE

<p><b>Course duration</b> 3 semesters (18 months) + preparatory German language course</p>	<p><b>Course begin</b> Annually in October</p>
<p><b>Course language</b> English</p>	<p><b>Application deadline</b> May 31 of same year (without DAAD scholarship application) October 31 of previous year (for DAAD scholarship application)</p>

## Degree awarded

Master of Science

## Contact / further information

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Website: [www.landmanagement-master.de](http://www.landmanagement-master.de)



## Course title

Photogrammetry and Geoinformatics

## Course focus

- Main focus on geoinformation management as one of the key technologies for any spatial related planning
- Understanding of the concepts and transferring the skills necessary to capture, analyse, manage and visualize various kinds of geographic information as well as disseminate this information
- Scientific as well as practice oriented education and training in the fields of photogrammetry, remote sensing and geo-information science
- Transfer of up-to-date techniques to practice under different technological conditions, in particular under consideration of the situation in emerging, transition and developing countries
- The course contents are conveyed in modern, up-to-date hard- and software environments; the international study group promotes exchange and helps students learn from different professional experiences

## Target group

Future decision makers and senior engineers of information and land management projects, national authorities for mapping, photogrammetry, land consolidation, rural or urban planning, etc

## Entry requirements

- Bachelor degree above average in civil engineering, geodesy, geography, rural and urban planning, or corresponding degree of other professions related to geo-data
- English language proficiency (TOEFL: 550 paper based, 230 computer based, 79 internet based, IELTS: 6.0 or equivalent)
- Two years of competent professional experience are recommended.
- High motivation and interest in working in an international group

<b>Course duration</b> 3 semesters (18 months) + preparatory German language course	<b>Course begin</b> Annually in October
<b>Course language</b> English	<b>Application deadline</b> April 15 For scholarships visit website

## Degree awarded

Master of Science

## Contact / further information

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Website: [www.hft-stuttgart.de/PhotogrammetryGeoinformatics](http://www.hft-stuttgart.de/PhotogrammetryGeoinformatics)



## Course title

Master's Programme Infrastructure Planning (MIP)

## Course focus

- The MIP Programme emphasises an integrated approach to infrastructure planning on the regional and urban level with the objective of establishing well-planned infrastructure systems in developing or threshold countries as a basic prerequisite for sustainable economic welfare
- Students learn how to direct all stages of the planning, implementation and monitoring process of modern infrastructure facilities by integrating transportation systems, urban planning, water and waste management, power supply and other community infrastructure needs with economic, social, ecological and management aspects
- Lectures, seminars and excursions cover the main aspects of physical planning as well as methods of land use management, decision making or environmental impact analysis
- Master's theses often deal with problems relevant to the students' home countries, and the intercultural training in group work throughout the study programme offers essential qualifications for an international career

## Target group

Young professionals with an academic background and a minimum of 2 years of experience in spatial planning or related fields (public, academic, or private sector)

## Entry requirements

- Qualified Bachelor or equivalent degree in civil engineering, architecture, urban planning or related disciplines
- Proof of sufficient English language skills (TOEFL: 550 paper based, 213 computer based, 79 internet based, IELTS: 6.0 or equivalent)
- Minimum of two years of relevant professional work experience

<p><b>Course duration</b> 4 semesters (24 months) + preparatory German language course</p>	<p><b>Course begin</b> Annually in October</p>
<p><b>Course language</b> English</p>	<p><b>Application deadline</b> February 15 For scholarships visit website</p>

## Degree awarded

Master of Science

## Contact / further information

Master's Programme Infrastructure Planning (MIP)  
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