



**Development-Related Postgraduate Courses**  
Educating Professionals for Sustainable  
Development – *Scholarships in Germany*

**Entwicklungsbezogene Postgraduiertenstudiengänge**  
Ausbildung von Fach- und Führungskräften für  
nachhaltige Entwicklung – *Stipendien in Deutschland*

**DAAD**

Deutscher Akademischer Austauschdienst  
German Academic Exchange Service

**2018 / 2019**





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\* Intake every two years – next intake 2018  
Aufnahme alle zwei Jahre – nächste Aufnahme 2018

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From among the large number of postgraduate courses offered by German institutions of higher education, the German Academic Exchange Service (DAAD) supports a carefully chosen selection of programmes of particular interest to junior executives from developing countries. These degree courses, which consist of one to two years of concentrated study, provide young, academically-trained professionals in leading positions from developing countries with the opportunity to engage in postgraduate education and training in their particular field or profession.

**At present, postgraduate courses are offered in the following fields:**

- Economic Sciences/Business Administration/Political Economics
- Development Cooperation
- Engineering and Related Sciences
- Mathematics
- Regional and Urban Planning
- Agricultural and Forest Sciences
- Natural and Environmental Sciences
- Medicine and Public Health
- Social Sciences, Education and Law
- Media Studies

This booklet contains the selection of all postgraduate courses supported under the DAAD funding scheme "Development-Related Postgraduate Courses".

An annually updated list of all postgraduate courses in the DAAD programme is also available on the internet: [www.daad.de/epos-info](http://www.daad.de/epos-info)

The courses are open to all eligible candidates. Applications are welcomed from professionals with personal financial resources, from those who are funded by their government or company, or from those who are recipients of financial support from international sponsoring organisations. In addition, a limited number of full DAAD scholarships are available. The DAAD only awards these scholarships for postgraduate courses supported in this funding programme.

**Selection criteria and procedures for DAAD scholarship recipients ensure that:**

- priority target candidates have proven, development-related motivation and can be expected to make full use of their scholarship and education by taking on social responsibility later in their careers, acting as agents of change who stimulate and support development in their personal and professional surroundings (motivation, commitment to development),
- the candidates have the professional and academic qualifications necessary to ensure successful completion of the degree programme in Germany (final scores on previous academic examinations, language skills),
- women and candidates from disadvantaged groups who meet the required academic and professional standards and show proven commitment to development-related issues are especially targeted for programme admission.

**CONTACT:**

Deutscher Akademischer Austauschdienst (DAAD)  
German Academic Exchange Service

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

**Ref. ST42**

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Germany

# Scholarships for Development-Related Postgraduate Courses

## 1. General Information about the Programme

- Postgraduate courses for young professionals from developing countries
- Internationally recognised Master's and PhD degree
- Duration: 12-24 months for Master (depending on the particular institution) and 36 months for PhD
- Includes German Universities and "Fachhochschulen" (Universities of Applied Sciences)
- Support of selected programmes with a variety of scholarships (including German language courses)
- Funded by the BMZ (Federal Ministry for Economic Cooperation and Development), but admission also open to self-financed participants or students financed through government or other sources
- Academic year 2018/2019

## 2. Prerequisites and Requirements

### The Typical Scholarship Holder:

- Works either for a public authority or a state or private company in a developing country and, as such, is engaged in the planning and execution of directives and projects with emphasis on development policies having a bearing on technological, economic or social areas.
- Holds a Bachelor's degree (normally four years) in a related subject.
- Has completed an academic degree with far above average results (upper third) and ideally at least two years of related professional experience after the first degree (bachelor).
- His/her academic degrees should normally not be more than six years old.

### Language Skills:

- **For study courses in German (scholarship includes a 6-month German language course):** DSH 2 or TestDaF 4 at the beginning of the study course; a minimum German language level of A2 at the time of application. In addition, German language proficiency at B1 level are highly recommended.
- **Exception:** Candidates for some German-speaking or bilingual courses need a very good command of German at the time of application. For detailed information see the relevant course description on the following pages.
- **Note:** It is not possible to pass the required German language courses (DSH or TestDaF) without any previous basic knowledge in the German language (at least A.2.1 Level), even with the preceding six-month intensive course in Germany. Passing the language test is a formal prerequisite for matriculation at the German university.
- **For courses in English:** IELTS (Band 6) certificate or TOEFL (minimum score: 550 paper based, 213 computer based, 80 internet based)
- **Note:** Some courses may expect a different level. For detailed information see the relevant course description on the following pages.<sup>1</sup>

**Proof of current work situation:**

All applicants must state their current work situation at the time of application and submit the following proof: Certificate(s) of employment that include the exact position and period of employment; a letter of reference from the employer(s), ideally guaranteeing re-employment after completion of the postgraduate course in Germany.

**Statement of Motivation:**

Applicants must submit a statement of motivation explaining why they are interested in attending a particular postgraduate course with reference to their current employment.

**Application Formalities:**

DAAD application forms are available on the DAAD website (see 3. “Required Documents”).

**Applications have to be sent to the respective course directly!** Please refer to their respective websites for the application procedure (e.g. online application), for the application deadline and the documents to be submitted.

**Applications sent to the DAAD will not be forwarded to the respective course/university. They become property of the DAAD and will NOT be returned. The applicant has no right to claim for reimbursement.**

Applications sent via e-mail to the DAAD **cannot** be considered either during the selection process.

Applicants are asked to state whether they are able to pay for cost of living expenses and their studies in Germany themselves or whether they can only complete the postgraduate course with financial support from a DAAD scholarship. Qualified applicants for whom self-financing is possible, have a good chance of being accepted by a postgraduate course.

**You can apply for up to three courses.**

If applying to more than one course, please **list courses in order of priority** in the DAAD application forms and **do not change the priorities** in the according application form!

**Please note:** Scholarships cannot be awarded without the official DAAD application form. Many courses, however, have their own forms, which must be submitted in addition to the DAAD application form (see details under course descriptions).

**Application Deadlines for DAAD Scholarships:**

Please check the relevant deadlines of the universities in this booklet.

**Admission:**

The postgraduate course and/or the university decide on admission after consideration of the application documents. Admission to the university is a prerequisite for receiving a DAAD scholarship.

However, applicants do not need to request early or pre-admission to the university.

**Please note** that the selection process for all postgraduate courses listed in this booklet lasts from the end of October until February.



### 3. Required Documents for a DAAD scholarship application (in the following order):

- DAAD application form [https://www.daad.de/medien/deutschland/stipendien/formulare/forschungsstipendium\\_en.pdf](https://www.daad.de/medien/deutschland/stipendien/formulare/forschungsstipendium_en.pdf)
- **Hand-signed** CV (please use the sample europass form <http://europass.cedefop.europa.eu/>)
- **Hand-signed** Letter of Motivation (with reference to current occupation, two pages maximum)
- Research Proposal (if required by university)
- Academic Letter/s of Recommendation from your university; the letter must have a signature and official stamp and must be of recent date (**not in a sealed envelope**)
- Professional Letter/s of recommendation from your employer; the letter must have a signature and official stamp and must be of recent date (**not in a sealed envelope**)
- Certificate(s) of Employment from the employer in the home country and if possible, a guarantee of re-employment upon returning home.
- Proof of Language Skills:
  - English – IELTS or TOEFL (Note: The institutional TOEFL is not accepted.)
  - German – required for courses taught in German
- Copies of Academic Degrees
- Copies of Academic Transcripts
- Copy of School Leaving Certificate
- Applicants from **the People's Republic of China** are asked to submit an APS Certificate with their application documents.

**Note:** Some courses may require additional documents. For detailed information, please see the relevant course description on the following pages and on the respective websites.

#### **IMPORTANT:**

**Incomplete applications cannot be considered.**

If applying to more than one course, please list courses in order of priority in the DAAD application forms.



## Hochschule für Technik und Wirtschaft (HTW) Berlin (University of Applied Sciences Berlin)

**Location** Berlin, Germany's capital, has a population of over 3.5 million citizens, making it the largest city in Germany as well as one of the ten largest metropolises in Europe. It is a multicultural city with some 425,000 foreigners from 184 countries and draws on a long cosmopolitan tradition.

Berlin is the most important academic centre in Germany with a large concentration of universities and research facilities. There are currently around 135,000 students enrolled at 15 universities.

HTW is Berlin's most recently founded and largest university of applied sciences. It has over 13,355 students in 74 degree programmes in the areas of business administration, economics and management, engineering, informatics and design.

**Course focus** The Master's in International and Development Economics (MIDE) is an 18-month, full-time programme in the Faculty of Economics. The course, which was first offered in 2003, begins in April each year at the start of the summer semester. It consists of two semesters with lectures and seminars of around 20 hours per week and a third semester dedicated principally to researching and writing a master's thesis.

MIDE begins with courses that provide a solid foundation in modern theories of development economics, macroeconomics and international trade and finance. It then offers a wide range of optional courses focusing on policy and management issues in key economic sectors, including agriculture, financial institutions and regional policies. Throughout the programme, MIDE strives to achieve a balance between theoretical debates and practical application.

Graduates of the programme will be well equipped to work for inter-national companies that operate in developing countries as well as for governmental or non-governmental institutions involved in development cooperation. In developing countries, graduates will be ideally suited for positions in government departments, banks, consulting organisations, multinational companies, chambers of commerce or educational institutions such as universities.

Students are expected to have already acquired basic academic knowledge and skills in economics and business management in their undergraduate courses.

The programme is accredited by ACQUIN (Accreditation, Certification and Quality Assurance Institute) and AQAS (Agency for Quality Assurance).

**Target group** The programme is designed for students from developing countries as well as for students from the EU and other developed countries who have a special interest in the economic challenges facing developing and transition countries.

## Master's Programme in International and Development Economics – MIDE

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Course language	The programme is taught entirely in English.
Entry requirements	<p>Academic degree in Economics, Business Administration or a</p> <ul style="list-style-type: none"><li>• Social Science with at least 12 courses in Economics and Business Administration, thereof at least three in Economics.</li><li>• (The degree must be equivalent to a three-year Bachelor's degree or German "Diplom". To find out whether your degree is equivalent, please contact <a href="mailto:mide@htw-berlin.de">mide@htw-berlin.de</a>.)</li></ul> <p>Applicants holding a three-year degree or equivalent should have a minimum of one year of professional experience. Applicants holding</p> <ul style="list-style-type: none"><li>• more than a three-year degree can be admitted with no professional experience. Applicants for a DAAD scholarship must have at least two years of professional experience.</li></ul> <p>Proof of English language skills: TOEFL (580 PBT, 237 CBT, 96 iBT), IELTS (Band 7.0) or equivalent. If English was the language of instruction at the previous university, please supply official proof.</p> <p><b>You are advised to see the MIDE webpage for details regarding the admission requirements: <a href="http://mide.htw-berlin.de/">http://mide.htw-berlin.de/</a>.</b></p>
Degree awarded	Master in International and Development Economics (Master of Arts)
Course begins	1 April 2018
Course duration	18 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	30 September 2017 at the University. <b>Please note: All applicants must complete a MIDE application form (available at <a href="http://mide.htw-berlin.de/">http://mide.htw-berlin.de/</a>) and submit their application online. Please make sure to send officially certified hardcopies of your university degree(s) to the university until 15 October 2017 for your application to be considered for admission.</b>
For further information contact	Course Administrator MIDE University of Applied Sciences Treskowallee 8 10318 Berlin Germany  Phone: +49-(0)30-5019-2867 Fax: +49-(0)30-5019-2293 Email: <a href="mailto:mide@htw-berlin.de">mide@htw-berlin.de</a> Website: <a href="http://mide.htw-berlin.de/">http://mide.htw-berlin.de/</a>





## University of Göttingen (Georg-August-Universität Göttingen)

### Location **Göttingen, Lower Saxony, Germany**

“The city that creates knowledge”: Since its foundation in 1737, the Georg-August-University has shaped life in Göttingen - the city lives from science and for science. Approximately one fourth of the population of 120,000 studies here and enjoys the international flair and the cultural diversity of the youthful city, rich in tradition, and located in the middle of Germany.

The MA Development Economics offers the great advantage of drawing from long-standing research and teaching experience of two faculties, both deeply committed to development issues: In the Faculty of Economic Sciences 5 professors focus on development economics, in the Department of Agricultural Economics and Rural Development another 5 professors work on development issues, and together they constitute by far the largest and internationally most visible concentration of development researchers in Germany.

These groups not only work at the forefront of cutting-edge development research, but they also are part of international research and policy networks and regularly advise governments, aid agencies, and international organizations such as the World Bank and the United Nations Development Programme on key development issues. Some of the subjects our faculty are conducting research and offering classes in include development aid, gender and development, global health, food security, rural sociology, poverty, behavioral development economics, trade, demography, resources and environment - and many more. So you will have the opportunity to deepen your knowledge on a plethora of topics pertinent to issues of globalization and development.

### Course focus **Development Economics, Quantitative Economics, Agricultural Economics**

Understanding economic development is one of the key challenges of our lifetime. We live in a world of tremendous inequality in the distribution of income and wealth; People live in extreme poverty, poor health and insufficient educational opportunities are a daily reality for the many. Yet recent decades have also shown that economic development and poverty reduction are possible.

The challenge for development economics is to understand the drivers of successful economic development in some parts of the world as well as to analyze the conditions responsible for stagnation and regress in others. This includes macroeconomic issues such as trade, capital flows, and aid, as well as microeconomic issues such as poorly functioning labour, land, technologies, inputs, credit and insurance markets; cross-cutting issues such as gender inequality, health, environment, or conflict are also critical to understand.

- Course focus** Among the key features of the study programme are:
- Compulsory courses in macro and micro development issues, econometrics, and rural development,
  - Specialization in quantitative or agricultural economics and profile courses to choose from a wide array of development relevant subjects,
  - Opportunities for (accredited) internships at institutions of development cooperation, international organizations, and research think tanks,
  - Opportunities for hands-on experience within our many research projects.
- Target group** Applicants with a sound knowledge of economics (especially economic theory and quantitative methods), an excellent command of English, and a keen interest in issues of development economics.
- Course language** English
- Entry requirements**
- Bachelor's degree (or comparable) in Economics or a closely related field with at least one third of overall subjects of the program taken in strictly economic courses (business administration courses do not satisfy this requirement!).
  - An equivalent of at least 12 ECTS (typically at least 2-3 courses) in mathematics or statistics.
  - Verification of English language proficiency at the level of TOEFL iBT 95 points or IELTS 7.0. Other equivalent certificates as listed on our website are accepted, students who have completed their undergraduate degree exclusively in English are exempt from this requirement (upon verification).
  - Demonstrated interest and experience in development economics issues.
  - For DAAD program scholarships in addition to previously mentioned criteria: top 30% of your cohort and at least 2 years of professional experience in your area of specialization.
- Degree awarded** **MA Development Economics**
- This degree will open up excellent career perspectives in a wide array of fields:
- Governments and aid agencies working on development issues;
  - International organizations such as the World Bank, organizations of the UN system (e.g. ILO, FAO, UNIDO, UNDP, UNICEF, UNESCO, etc.), the OECD, EU, or regional development banks;
  - Policy research institutions as well as national and international development policy think tanks;
  - International business in multinational companies;
  - Excellent Ph.D. opportunities in Göttingen or other national and international programmes.

## MA Development Economics

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<b>Course begins</b>	Every semester (October or April) in general, once a year for DAAD program scholarship applicants (October).
<b>Course duration</b>	4 semesters (2 years), full-time
<b>Duration of German language course prior to beginning of programme</b>	Though the program is taught entirely in English, a two-months course is offered prior to lecture start to facilitate your daily life in Germany.
<b>Application deadline</b>	For DAAD program scholarship applicants: Oct 1 – Nov 15 2017 for winter term 2018/19  For applicants with own/other funding: Apr 1 – May 15 2018 for winter term 2018/19 Oct 1 – Nov 15 2018 for summer term 2019
<b>Remarks</b>	Please make certain to follow all application instructions made available online, it is essential that your documents reach us in due time and form. All applications that do not fulfil these criteria will have to be excluded from further processing.
<b>For further information contact</b>	Vera Sagalova Phone: +49 (0)551 / 39-14372 Email: <a href="mailto:deveconapplication@uni-goettingen.de">deveconapplication@uni-goettingen.de</a> Website: <a href="http://www.uni-goettingen.de/masterdevecon">www.uni-goettingen.de/masterdevecon</a>

# Small Enterprise Promotion and Training – SEPT



## Universität Leipzig (Leipzig University)

### Location

Founded in 1409 as the second university in Germany, Leipzig University has always been committed to the principle of *universitas litterarum*.

The University consists of 14 faculties with 128 institutes. 35,000 persons research, teach and study at the university. An even wider choice of individual study programmes leads to Master degrees and teaching qualifications. The courses offered at the university cover traditional subjects such as law, medicine, economics, social and natural sciences as well as new fields of academic interest like environmental sciences, media and communication studies. This wide range of study programmes reflects the needs of the various industries settled in and around Leipzig, a city which is frequently described as both a commercial and a cultural centre. Currently, close to 29,000 students are enrolled at the Universität Leipzig.

### Course focus

Our international MBA programme specialising in small and medium-sized enterprise development is a postgraduate programme that combines research with practice.

The two-year degree programme focuses predominantly on economic issues, which range from supporting small businesses coping with survival to promoting innovative, dynamic enterprises that can deal with intelligent decision-making tools and methodologies.

Special issues addressed are the identification of innovation possibilities inside SMEs and their growth potential as well as new concepts for promoting SMEs and generating positive multiplier effects on their business environments. Moreover, socio-economic and political considerations, such as securing employment and generating income for the majority of the population, are also part of the programme.

This approach provides advanced training for upcoming professionals and staff members of institutions who already hold a degree and have some practical experience in working with/in SMEs. Additionally, the course enables participants to work as multipliers in decision-making positions, provide support to small and medium-sized businesses and promote innovative entrepreneurs.

**Course focus** Our MBA is a four-semester course that comprises two semesters of formal tuition and training at the university (two semesters), the opportunity for a practical training/internship at a relevant institution in Germany or elsewhere in Europe, a research project in (preferably) the participant's home country and a finishing term at the university, which covers the Master thesis preparation and its respective colloquiums and follow-ups. The course content (delivered mainly within the first two semesters at the university) is taught in modules. A module is a group of lessons similar in method and content that stretches over a certain period of time. Modules are assessed by a written exam, an essay, an oral examination or a project report.

During the second semester, students can choose two of the three modules according to their own interests. In doing so, students can concentrate on the subjects they prefer. Participating in other courses without taking the examinations is always possible.

For those students interested in gaining insight into institutions or firms dedicated to the promotion and development of small and medium-sized enterprises in Europe, our curriculum offers the possibility that internship/practical training in Germany or Europe might be recognised as one of the elective modules. In addition to the courses, a one-week excursion to business promotion and development cooperation institutions in Germany takes place at the beginning of the second semester.

Students finish the programme with a Master thesis, which is based on an investigation into one of the most relevant topics of SME development.

A member of our faculty serves as thesis supervisor and helps to maintain focus and continuity throughout the process. Every participant carries out his/her research project in conjunction with an appropriate institution in the selected field in the student's home country. During this phase empirical data collection takes place.

Back in Germany for the last semester, the students evaluate, present and discuss their research results. At the end of this process, they submit their Master thesis documenting their research results.

**Target group** The Master programme targets upcoming professionals and resource persons with practical experience in promoting and/or managing small and medium-sized enterprises.

German and foreign graduates with degrees in subjects such as economics, business management, geography, law, politics, administration and related areas can apply.

**Course language** English

- Entry requirements**
- The general ability to undertake this MBA must be verified by a qualifying degree; viz. a 4-year university degree at Bachelor level in economics, business, social, natural or engineering sciences or an equivalent degree from a renowned university after a minimum of 4 years of study;
  - Broad knowledge of economics and/or economic issues;
  - At least 2 years of relevant work experience;
  - Fluent spoken and written English: TOEFL (79 iBT, 550 PBT, 213 CBT) or IELTS (Academic-minimum overall Band 6.0);
  - Written application;
  - Chinese, Vietnamese and Mongolian applicants are required to submit an APS-Certificate.

**Degree awarded** Master of Business Administration

**Course begins** Every year in October

**Course duration** 22 months

**Duration of German language course prior to beginning of programme** Basic German language skills are not compulsory but highly recommended;  
2 months (for students awarded a DAAD scholarship)

**Application deadline** Scholarships:  
1 October 2017 at Leipzig University.  
Self-financing students:  
15 March 2018

**Postal address to send application documents** University of Leipzig  
International SEPT Program  
PF 100920  
04009 Leipzig  
Germany

**Remarks** Costs of SEPT Master Programme: Euro 1,500 per semester (Euro 6,000 in total). Successful applicants for a full DAAD scholarship will be exempted from fees.

**For further information contact** International SEPT Programme  
Ritterstraße 9-13  
04109 Leipzig  
Germany  
  
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Fax: +49-(0)341-97-39279  
Email: sept@uni-leipzig.de  
Website: www.sept.uni-leipzig.de



## Ruhr-Universität Bochum, Institute of Development Research and Development Policy

**Location** The Ruhr-University Bochum is located in the industrial heart of Germany. With more than 40,000 students (more than 3,000 of them international students) and a staff of 5,600, the Ruhr-University Bochum is one of the most diversified German universities. Various central facilities, such as the university library, and relaxation opportunities like the botanical gardens, are open to all students. Furthermore, the Ruhr area is one of the most culturally interesting regions in Europe, and numerous parks and green areas form a natural attraction.

**Course focus** The aim of the 18-month MA in Development Management is the training of professionals to meet the increasing need for experts in programme and project management that has emerged in international development cooperation.

The course provides the student with the necessary tools to deal with practical problems of managing development programmes and projects. Elements of the curriculum are:

- an introduction to relevant theories in social science and economics
- methods of empirical social research and project cycle management
- the application of theoretical and methodological knowledge

During their first semester, students are given an interdisciplinary introduction to relevant theories and strategies of development. Students will learn about actors in international development cooperation and the role of institutions in development and will be faced with relevant case studies. In consultation with the course coordinator, students will select a research problem related to a development programme or project as the starting point for their MA thesis project. This project is preferably related to their home country. After the first semester, students can undertake a minimum two-month internship in Germany in a development organisation or a corporation in the private sector.

Building on the knowledge of relevant theories and tendencies in international development cooperation students acquired during the first semester, the second semester is taken up with learning about the variety of methods for programme and project planning, implementation, and evaluation. Students are required to apply their knowledge to case studies related to the programme or project chosen in the first semester and present the results in a seminar paper.

<b>Course focus</b>	<p>After the second semester, students undertake fieldwork on projects and programmes in international development cooperation in developing countries. This will form the empirical basis of their MA thesis project.</p> <p>In the third semester, students concentrate on writing up their thesis, which must contain a discussion of the theory, the research methodology and the results of the fieldwork. The thesis is designed to demonstrate the student's ability to embed the research in the scientific debate and communicate it in a clear and coherent way.</p>
<b>Target group</b>	Young professionals from all over the world with a BA or relevant degree and practical experience with relevance to development management..
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"> <li>• BA or relevant degree in political science, social science, law, economics, geography, or in other subjects related to the planning and evaluation of development programmes and projects</li> <li>• At least two years career experience in a relevant field; preference is given to candidates whose employers offer a reintegration guarantee</li> <li>• Minimum certified proficiency in written and spoken English:</li> <li>• TOEFL (79-80 iBT equivalent to 213 CBT) or IELTS (Band 6.0)</li> </ul>
<b>Degree awarded</b>	Master of Arts in Development Management
<b>Course begins</b>	September 2018 (biannually)
<b>Course duration</b>	18 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (July – August 2018)
<b>Application deadline</b>	<p>30 September 2017 at the University for DAAD-EPOS applicants.</p> <p>Applications have to be submitted via an online application platform which can be accessed via the programme's website from January 2017 (<a href="http://www.development-research.org/index.php/study-programmes.html">http://www.development-research.org/index.php/study-programmes.html</a>).</p>



<b>Remarks</b>	<p>Throughout the entire programme we offer intensive coaching. Research Fellows of the IEE act as mentors to small groups of up to 3-4 students, especially for the MA thesis projects.</p> <p>The MA in Development Management cooperates with the Institute for Development and Peace (INEF) and the Institute of Political Science of the University Duisburg-Essen within the UAR Graduate Centre for Development Studies.</p> <p>Furthermore, the MA in Development Management is the twin course of the Bochum Programme of Development Management at the University of the Western Cape, which is part of the South African-German Centre for Development Research and Criminal Justice.</p> <p>Two summer schools on Methods of Empirical Social Research and Development Practice (held in Germany and in South Africa) together with the students of the Bochum Programme of Development Management at the South African-German Centre for Development Research at the University of the Western Cape, are part of the programme.</p>
<b>For further information contact</b>	<p>Institute of Development Research and Development Policy Ruhr-Universität Bochum Dr. Tobias Thürer Universitätsstr. 105 44789 Bochum Germany</p> <p>Phone: +49-(0)234-32-22 458/-22 418 Fax: +49-(0)234-32-14-294 Email: <a href="mailto:ieemdm@ruhr-uni-bochum.de">ieemdm@ruhr-uni-bochum.de</a> Website: <a href="http://www.development-research.org/">www.development-research.org/</a></p>

# Bonn International Graduate School for Development Research (BIGS-DR)



## Universität Bonn, Zentrum für Entwicklungsforschung (ZEF) (University of Bonn, Center for Development Research)

**Location** With a student population of 32,500, including around 4,000 international students, the University of Bonn is not only one of the largest institutions in Germany, but also an institution rich with tradition. Proof of its international reputation can be found in its partnerships with the most distinguished universities in Europe, North America, Asia and Australia. The city of Bonn can look back upon a history of more than 2,000 years. In its role as a Federal City, Bonn is home to the headquarters of several international organizations.

The Center for Development Research (ZEF) in Bonn, Germany, offers a doctoral studies program which is taught in English. The program is an initiative to provide high qualifications to young scientists with an outstanding master's or equivalent degree in economics, social sciences, sociology, political science, development economics, agricultural and resource economics, agronomy, biology, ecology, forestry, mathematics or earth sciences.

**Course focus** ZEF and its doctoral program apply an interdisciplinary approach to research when it comes to development issues, but also train skills in specific and individual disciplines. Combining theories, methods, and practical experiences in the areas of social, economic, and ecological change enable students to explore new fields and promote competitiveness in the international job market.

The intensive course program consists of about 800 teaching hours per year. The courses are conducted by ZEF's senior researchers, guest professors, and professors from other faculties at the University of Bonn. Leading international researchers conduct research and teach in ZEF's doctoral studies program. These courses include the classical fields of environmental disciplines within natural sciences, as well as the economic, political, and socio-cultural dimensions of development. Students are required to finalize two course modules and pass their exams prior to undertaking their field research.

After completing their 6-9 months of course work at ZEF, doctoral students conduct 6-12 months of practical field research in a developing country or a development-related institution. After returning to ZEF, students complete their thesis, which takes on average of about another year.

Students who finish and defend their thesis successfully will obtain a doctoral degree in sociology, political science, social anthropology, economics, agricultural economics, agriculture, forestry, mathematics or natural science. The degrees are granted by the respective university faculty, which is usually the faculty of the first supervisor.

**Course focus**

Students may pursue their doctoral study under direct supervision by ZEF professors or be associated with ZEF while being supervised elsewhere. Arrangements within the selected German university are made to ensure that each student is accepted by a distinguished advisor and is suitable to their faculty. The majority of doctoral students are supervised by professors of the University of Bonn. The doctoral degree may also be obtained within “sandwich programs” from other qualified universities in Europe or overseas.

The Center for Development Research (ZEF) is a multi-facultative and interdisciplinary institution with three departments:

- 1) Political and Cultural Change  
Director: Dr. Eva Youkhana
- 2) Economic and Technological Change  
Director: Prof. Dr. Joachim von Braun
- 3) Ecology and Resource Management  
Director: Prof. Dr. Christoph Borgemeister

By pooling the expertise of the three departments, this three-year doctoral program enables students to take advantage of ZEF’s exceptional strength in interdisciplinary development research and cooperation with national and international institutions.

ZEF’s six core research areas take the emerging United Nation’s post-2015 agenda into account. In this regard, the six core research areas ensure a full thematic integration of ZEF’s scientific program and contribute in a sustainable way to the Center’s global research and development objectives: global change, poverty reduction, justice, maintaining diversity, risk management, and development.

The manifold aspects of global change such as continued human population growth, climate change, and geopolitical developments build an overarching frame under which the research agenda has been developed. As such, each of the six core research areas relates to the over sustainable development agenda, while accentuating a specific bundle of topics on which a particular focus is set. All areas are closely interlinked and overlap thematically:

- 1) Innovation, knowledge, and science policy
- 2) Markets and public services
- 3) Mobility, migration, and urbanization
- 4) Governance, conflicts, and natural resources
- 5) Health, nutrition, and ecosystems
- 6) Land, water, food, and energy

These aspects have major implications for rural development and are used to facilitate sustainable development projects and research.

**More details are available at [www.zef.de](http://www.zef.de).**

<b>Target group</b>	<p>The program aims to educate future decision makers, especially from developing countries, for international careers in a development context. Applicants should be students with an outstanding master's or equivalent degree, young university scientists, or young professionals employed in research or government institutions or in the private sector.</p> <p>Since its inception in 1999, 661 doctoral students from 87 countries have participated in BIGS-DR. 3554 graduates have completed their doctoral thesis at ZEF and 115 of them have been external doctoral students. Currently, 135 students are enrolled in the program.</p>
<b>Course language</b>	English
<b>Entry requirements</b>	<p><b>Admissions applications involves two steps:</b></p> <ol style="list-style-type: none"><li>1. Online registration through our registration portal, which will provide applicants with a personal registration number. This registration number will be required to complete the application process.</li><li>2. One digital submission of all required documents in a single PDF file in the specific order listed on our website, to be emailed to the program coordinator's office. A complete list of all the required application documents can be found on the ZEF website.</li></ol> <p><b>A few important considerations when applying are:</b></p> <ul style="list-style-type: none"><li>• The language of application must be in English and should include the following documents: a one-page motivation letter, the ZEF application form, an abstract of the master or diploma thesis, funding and/or scholarship application or award, a curriculum vitae, a graduate research statement, and copies of all relevant certificates or degrees. The documents should be compiled into a single PDF file and emailed to the doctoral program's office. Incomplete applications will not be considered.</li><li>• The graduate research statement is one of the most important selection criteria. The statement should describe a development program that you consider interesting, important, and relevant. Include your main research question, the proposed methods that are linked to them, and integrate literature references. The statement should not exceed four pages. The graduate research statement should relate broadly to ZEF's research areas and thematics, or may also address a topic in another area of development research. The selection committee will assess all research statements on the basis of originality, analytic rigor, and relevance.</li><li>• A successful application requires an excellent master's or equivalent degree (GPA higher than 3.0 in the American system, a grade better than 2.0 in the German system or equivalent) in economics, political science, agricultural and resource economics, engineering, geography, mathematics, natural science or agriculture.</li></ul>

<b>Entry requirements</b>	<p>English language requirement: IELTS (Band 6) certificate or TOEFL (minimum score: 550 PBT, 213 CBT, 80 iBT).</p> <p><b>For DAAD applicants:</b></p> <ul style="list-style-type: none"><li>• The completed application must include the official DAAD application form.</li><li>• Two years of work experience prior to applying are required.</li></ul>
<b>Degree awarded</b>	<p>In consultation with ZEF, the doctoral thesis may be submitted to any cooperating faculty in Germany or abroad (as “sandwich models”). The doctoral degrees may be in social science, economics, agricultural economics, agriculture or natural science. The course begins every year in August (German language course, optional) or October (course program).</p>
<b>Course begins</b>	<p>Course modules start in October, yearly</p> <p>Two months (German language course starts on August 1<sup>st</sup> annually)</p>
<b>Course duration</b>	<p>Although the individual phases of the doctoral study may vary according to discipline and subject, the total duration for writing is fixed. The doctoral thesis must be accomplished within 38 months.</p>
<b>Duration of German language course prior to beginning of programme</b>	<p>Although the program is exclusively in English, it starts with a German language course (a duration of two months) to facilitate living in Germany.</p>
<b>Application deadline</b>	<p>The application deadline for DAAD scholarships for courses starting in the following year is August 31<sup>st</sup>.</p> <p>Applicants for other scholarships and self-funded applicants may submit their applications at any time.</p> <p>Applying to the ZEF doctoral studies program involves two steps:</p> <ol style="list-style-type: none"><li>1) Online registration at <a href="http://www.zef.de">www.zef.de</a></li><li>2) Email submission of all documents directly to ZEF (only one copy)</li></ol>
<b>Remarks</b>	<p>The structure of the doctoral program is tailored to the individual academic needs of the students, in particular those coming from developing countries. ZEF provides intense study counseling and academic support services by tutors and mentors. It offers a well-rounded service to ensure that students can settle quickly into their studies and everyday life in Bonn. The services range from help finding accommodations and support with visa applications to preparations for the field research.</p>

- Remarks**
- The limited number of participants (30 to 35 students) in the courses allows for rigorous interaction. The students learn to work in teams, and to identify and analyze problems within the development context and elaborate possible solutions.
  - Appropriate and agreed upon financial support for research will be made available from donors and ZEF resources.

**For further  
information contact**

Center for Development Research (ZEF)  
Bonn International Graduate School for Development Research  
(BIGS-DR)

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Website: [www.zef.de](http://www.zef.de)



## Technische Universität Darmstadt (Technical University of Darmstadt)

- Location** Darmstadt is located 30 km south of Frankfurt/Main and 60 km north of Heidelberg in the centre of one of Europe's most industrious and flourishing areas. In 1997, the city's name was officially changed to Wissenschaftsstadt Darmstadt (Darmstadt – City of Science) in appreciation of the city's excellent reputation as the home of public and private scientific institutions, research-oriented industries and three institutions of higher education.
- The university offers a wide range of subjects. Close cooperation between science and the economy is an indispensable prerequisite for success. For this reason students are encouraged to learn how to put scientific ideas and principles into effect. Research projects are initiated and financed to a large extent by industrial and commercial companies. Around 18 per cent of the approximately 27,000 students are foreigners as are 24 per cent of the master students. The Technical University of Darmstadt is among the most international universities in Germany.
- Course focus** The study programme aims at deepening and diversifying the students' knowledge, abilities, and competences in Applied Geosciences with a distinct focus on Hydrogeology and Environmental Engineering in the framework of international development cooperation.
- The programme includes basic subjects which are elective depending on previous (undergraduate) studies: Geology, Rocks and Minerals; Hydrogeology; and Geo-Information Systems (GIS). Compulsory modules include a field trip to a semiarid region, a six-week period of practical work (scientific training), and a project seminar.
- Specialisation modules include Hydrochemistry; Hydrogeochemistry of Contaminants; Soil and Unsaturated Zone; Clay Mineralogy; Aquifer Sedimentology; Hydrogeology of Semiarid Areas; Geophysical Methods; Isotope and Tracer Techniques; Groundwater Modelling; Remote Sensing and Statistics; Hydrogeological Methods; Hydraulic Engineering; Water Management; and Geo-Environmental Engineering.
- Target group** Geoscientists, such as geologists, geoecologists, geophysicists, mineralogists, geographers, soil scientists and civil engineers who would like to acquire additional skills in hydrology, engineering geology and/or environmental management of tropical and subtropical regions.
- Course language** English

## Tropical Hydrogeology and Environmental Engineering – M.Sc. TropHEE

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<b>Entry requirements</b>	Adequate English ability: UNICERT III, TOEFL (PBT 570, CBT 230, iBT 88), IELTS 6.5 or CAE (Grade C1). Not required, if B.Sc. was in English. DAAD scholarship applicants need two years of practical experience.
<b>Degree awarded</b>	Master of Science (TropHEE)
<b>Course begins</b>	Every year in October
<b>Course duration</b>	Two years
<b>Duration of German language course prior to beginning of programme</b>	A German language course is not required; however, students are encouraged to attend German courses offered by the university. Three weeks for scholarship holders.
<b>Application deadline</b>	July, 15 <sup>th</sup> of the year in which the student wants to start her/his studies For DAAD applicants: 15 October at the university. Deadline refers to the year before students intend to start the programme.
<b>For further information contact</b>	Institute of Applied Geosciences Technische Universität Darmstadt TropHEE office Schnittspahnstraße 9 64287 Darmstadt Germany Course Office Phone: +49-(0)61-51-16-23625 Fax: +49-(0)61-51-16-23601 Email: trophee@geo.tu-darmstadt.de Website: www.trophee.tu-darmstadt.de





## Technische Universität Dresden (TU Dresden)

**Location** Technische Universität Dresden is one of only eleven German universities distinguished as a “University of Excellence” in 2012. TU Dresden, among the largest universities in Germany, is more than 185 years old and has about 35,000 students. Around 14 per cent of the students are international, coming from approximately 120 different countries. The university consists of five schools in the fields of Engineering, Sciences, Humanities and Social Sciences, Civil and Environmental Engineering and Medicine.

The city of Dresden is the capital of Saxony and home to more than half a million inhabitants. It is located on the Elbe river and renowned for its splendid city centre including the Dresden Zwinger and Frauenkirche, the Semper opera, various concert halls, theatres, and world famous museums and art galleries. Students can also enjoy a large variety of pubs and cafes as well as a vibrant nightlife. Dresden is surrounded by wide forests and mountainous areas, offering a plenitude of opportunities for hiking, biking, mountain climbing, swimming and skiing.

**Course focus** The graduate programme focuses on the transdisciplinary fields of water and natural resources management and engineering in different climatic zones. It is designed to enable the participants to acquire and expand their professional and methodological qualifications. This programme meets international standards required to pursue and develop careers within national and international authorities and organisations, engineering and consulting enterprises as well as research work.

The M.Sc. programme conveys knowledge about protection and management of water resources in different climatic zones as well as design and construction of water supply and wastewater treatment. The programme is divided into basic and advanced courses during the first three semesters. A final semester is dedicated to the Master thesis.

During the basic courses, students attend lectures on statistics, climatology, hydrology, geodesy, and soils. Students with background in natural or environmental sciences need to take classes in hydromechanics and hydraulic engineering. Students with background in civil engineering need to study ecology and water chemistry.

<b>Course focus</b>	<p>For advanced courses, students choose modules corresponding to 50 credits from among the following options:</p> <p>Integrated Water Resources Management (5cr), International Water Issues (5cr), Climate Change (5cr), Circular Economy (5cr), Soil Water (5cr), Ground Water (5cr), Hydro Dynamics (5cr), Watershed Management (10cr), Water Quality &amp; Water Treatment (5cr), Treatment Plant Design (5cr), Urban Water (10cr), Biotechnology (5cr), Flood Risk Management (20cr), Climate Systems and Climate Modelling (5cr), Internship (5cr).</p> <p>In addition, a study project (10cr) is required</p>
<b>Target group</b>	<p>Graduates in natural or environmental sciences or engineering disciplines (For DAAD applicants, two years of professional work experience are required.).</p>
<b>Course language</b>	English
<b>Entry requirements</b>	<p>Applicants must hold at least a Bachelor's degree in natural or environmental sciences or civil engineering incl. environmental engineering and prove sufficient proficiency in English. The most widely recognised tests are:</p> <ul style="list-style-type: none"> <li>• IELTS: required level Band 6.0 in all categories</li> <li>• TOEFL: required level 550 PBT, 213 CBT, 79 IBT</li> <li>• Other tests of equivalent standards showing evidence of C1-level according to the European Reference Framework are accepted.</li> </ul>
<b>Degree awarded</b>	Master of Science (M.Sc.) in Hydro Science and Engineering
<b>Course begins</b>	October 2018
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (August-September for DAAD scholars)
<b>Application deadline</b>	<p>For DAAD applicants: 15 October 2017 at TU Dresden.</p>
<b>Remarks</b>	<p>Professional experience is not essential for the course but treated as an additional criterion. For DAAD applicants, two years of professional work experience are required.</p>

**For further  
information contact**

Technische Universität Dresden  
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## Technische Universität Dresden (TU Dresden)

### Location

The Technische Universität Dresden dates back to the Technische Bildungsanstalt Dresden, founded in 1828, and thus ranks among the oldest technical-academic educational establishments in Germany. The TU Dresden has about 37,000 students and almost 4,200 permanent employees (excluding the Faculty of Medicine), including 419 professors, making it one of the largest universities in Germany today. Having been committed to sciences and engineering before the reunification of Germany, TU Dresden is now a multidisciplinary university, offering humanities and social sciences as well as medicine. There are very few universities in Germany that can match this broad scientific spectrum. The TU Dresden is one of only eleven German universities distinguished as an “Excellence University”.

The local citizens (more than 500,000 inhabitants) and visitors from all over the world have always considered Dresden a unique city. This is especially reflected in Dresden’s townscape, which boasts world-renowned architecture and extensive villa-style residential districts. An endless variety of events in the arts and culture as well as a charming location in the Elbe valley are factors contributing to the excellent quality of life in Dresden. The city itself owes its standing not only to its unrivalled cultural institutions, but also to its modern industrial facilities. Moreover, the numerous fundamental and applied research institutes that work together closely with the university justify Dresden’s reputation as the City of Sciences.

### Course focus

The Master’s course presents the possibility of an interdisciplinary education; focusing mainly on the world’s leading textile machinery manufacturers in Germany and the processing of textile high performance materials for technical applications.

The objective is a graduate who understands the field of expertise in its complexity, is acquainted with highly innovative fields of research, and can apply his/her acquired specialised knowledge in a future professional occupation in research, industry, teaching or international cooperation. The graduate is qualified for technical executive functions in the textile and clothing industry, especially in companies developing technical textiles and textile products (machinery and automobile construction, membrane development, architecture, medical products, etc.), as well as in research institutions and educational services. However, graduates also work in classical textile and clothing industries. The course forms an important basis for the fields of technical applications. The programme offers students a professional university degree in Mechanical Engineering, Textile Engineering, Textile Technology, Ready-Made Clothing Engineering, Ready-Made Clothing Technology, Textile Chemistry or Textile Finishing and the opportunity for an interdisciplinary university education resulting in a Master’s degree, which with an excellent result qualifies them to enter a PhD programme.

**Course focus** The course of studies is research-oriented with extremely high practical relevance. The content of teaching emphasises ongoing research projects, especially in the Master's thesis.

The modules Mathematics, Computer Applications in Mechanical Engineering, Technical Mechanics, Machine Elements/Design, and Mechanisms and Ergonomics/Management impart the mathematical, scientific, business as well as engineering-relevant basics for textile and clothing technology.

The modules Textile Materials and Testing Technology, Processes and Machines of Textile Technology, Processes and Machines of Ready-Made Clothing Technology, and Specialisation Modules I and II broaden professional knowledge, especially since the latest research results are communicated in different forms of lecturing. Experts from within the university and with practical experience are invited to give lectures on the latest information and technical developments in textile technology. In both specialisation modules the student is offered up-to-date, research-based lectures according to his/her personal interest and considering his/her potential professional orientation (textile finishing, technical textiles, non-woven technology, CAD, etc.).

For the Master's thesis, the student works independently with scientific methods on demanding, industry relevant tasks from current research of the subjects and/or their applications. The results are presented and discussed in a colloquium. With the successful completion of the programme, the graduate acquires an academic degree and is thereby qualified for PhD study worldwide.

The course is divided into modules and requires four semesters of study. It consists of 12 compulsory modules. The modules are offered during the first three semesters and the first six weeks of the fourth semester. The remainder of the fourth semester is scheduled for the Master's thesis (four months) as well as the colloquium.

The curriculum and the objectives of the course, forms of lecturing and studying, requirements, suitability, frequency, required work as well as duration of each module can be found in the module description.

The appropriate distribution of the modules over the individual semesters can be taken from the study plan. Following this plan guarantees course completion within the time limit of two years.

Credits document the average extent of students' work as well as the individual progress of their studies. One credit equals 30 hours of work. Usually there are 60 credits assigned to each year of studies, i.e., 30 per semester. Including the Master's thesis and the colloquium, 120 credits can be acquired in total. The modules add up to 100 credits. The Master's thesis is worth 19 credits, and 1 credit is awarded for the colloquium.

- Course focus** In principle, credits for the modules are only awarded if the module examination is passed. The module descriptions explain in detail how many credits can be earned for one module and under which conditions this is possible.
- The programme is characterised by very good relations between teaching staff and students. The excellent infrastructure with modern machinery and installations as well as testing facility of the entire process chain is almost unique in Germany and world-wide in this field. Financial sponsoring for attending national and international conferences and exhibitions is offered to the students. This is supported by the affiliation of the institute with an efficient international network in the sector. Due to excellent study conditions, an extremely high success rate for students with a DAAD scholarship has been achieved thus far.
- Target group** Experts in leading technical functions including the management and marketing of the textile, clothing and ready-made clothing industries; experts in institutions of education and research as well as in agencies and government departments of developing countries; experts cooperating in national and international organisations with at least two years of professional experience.
- Course language** Considering the important and innovative position of the German textile industry and textile machinery as well as the intensive research activities in the field of highly value added textiles and technical textiles in Germany, this course is offered in German only.
- This makes it possible for graduates to study the relevant literature published mostly in German and supports intercultural cooperation in science, business and education.
- The module “Scientific-Methodical and Experts Seminar” about innovative fields of research is held partially in English by international guest lecturers and industry representatives in addition to the studies in German.
- Entry requirements**
- First vocationally qualifying international university degree (B.Sc.) in the field of Mechanical Engineering, Textile Engineering, Textile Technology, Ready-Made Clothing Engineering, Ready-Made Clothing Technology, Textile Chemistry or Textile Finishing, including related industrial experience in the field of the intended Master’s degree in the last two years before applying and also during the application period/process for the DAAD scholarship.
  - Academic degrees of the applicant should normally not be more than six years old
  - German language skill to start the master’s course: minimum DSH 2 or TestDaF (level 4) for October 2018

## Textile and Ready-Made Clothing Technology

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<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	October 2018
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	6 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	3 October 2017 at the University.
<b>Remarks</b>	A six-month German course begins early April 2018. It is vital, however, that you start learning German as soon as you decide to apply for admission and/or scholarship. At the time of application, German skills at level A2 are required. In addition, German language courses at level B1 are highly recommended.
<b>For further information contact</b>	Technische Universität Dresden Fakultät Maschinenwesen Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik Univ.-Prof. Dr.-Ing. habil. Dipl.-Wirt. Ing. Ch. Cherif or Dr.-Ing. Kathrin Pietsch 01062 Dresden Germany  Phone: +49-(0)351-463 393 00 Fax: +49-(0)351-463 393 01 Email: <a href="mailto:kathrin.pietsch@tu-dresden.de">kathrin.pietsch@tu-dresden.de</a> Website: <a href="https://tu-dresden.de/ing/maschinenwesen/itm/studium/studiengaenge/matk/index?set_language=en">https://tu-dresden.de/ing/maschinenwesen/itm/studium/studiengaenge/matk/index?set_language=en</a>

# Master of Engineering in “Energy and Environmental Management in Developing Countries” (formerly SESAM)



## Europa-Universität Flensburg (University of Flensburg)

### Location

Situated on the German-Danish border at the end of a beautiful fjord, Flensburg, a city of seafarers and traders, is more than 700 years old. With its quaint alleyways and picturesque courtyards, Flensburg exudes a charm of its own – open to the world, but still on a human scale. A 10-minute bus ride takes you from the centre of the city to the campus. The new campus, which the university has shared with the Flensburg University of Applied Sciences since 2002, offers all the facilities expected of a modern university, including student accommodation. The Energy and Environmental Management course is part of the Interdisciplinary Institute for Environmental, Social and Human Studies, which is located on the campus, just a 15-minute walk from the city centre.

Founded in 1946, Europa-Universität Flensburg is a small, young university with approximately 5,000 students. It is innovative and international, offering programmes in different fields of education, science and management. The compact campus and the size of the university allow students direct and easy personal contact to both lecturing and administration staff.

### Course focus

Solving the problem of climate change and eradicating extreme poverty are the two big challenges of the 21st century. The energy sector is one of the key sectors that need to achieve sustainable development and growth, within both developing and industrialised countries. The 7th Sustainable Development Goal was adopted by the UN in September 2015 to “ensure access to affordable, reliable, sustainable and modern energy for all” and is a guiding principle for the EEM programme.

Sustainable energy systems for social and economic development are therefore the focus of the 18-month Master’s programme “Energy and Environmental Management in Developing Countries”. The course of studies leads to the degree of a “Master of Engineering in Energy and Environmental Management” (Industrial Engineering). This degree entitles its holder to the professional title of “Wirtschaftsingenieurin” or “Wirtschaftsingenieur”, which is legally protected in Germany.

The programme qualifies professionals to work in key positions of the energy industry, governments, NGOs and international organisations. It offers training in energy and environmental economics, energy technology and energy management. Since the programme specifically addresses developing countries, special emphasis is on improving access to modern energy services based on renewable energy, energy planning and project management while considering equality, sustainability and fairness.



**Course focus** Problem-based learning techniques are increasingly applied to meet the challenges of increasing complexity and the constantly advancing technologies. This results in highly efficient learning directed toward real world application of the learning outcomes.

The specialisation is made up of two subject areas:

- Energy Economics, Business Economics and Project Management
- Renewable Energy and Energy Planning

#### **Energy Economics, Business Economics and Project Management**

The compulsory modules “Foundations of Sustainable Energy Systems” and “Environmental Economics” deliver basic knowledge and understanding of the macroeconomic interrelation of environmental and energy-related problems. In addition, students have the following elective modules to choose from: “Sustainable Energy Innovation/ Implementation in Developing Countries”, “Trading Energy”, “External Costs of Energy”, “Shaping Sustainable Energy Systems” and “Energy and Environmental Policy”.

Basic competencies in planning and steering development projects are addressed in two further compulsory modules “Diversity Management in International Development Cooperation” and “Project Management (PME) in International Development Cooperation”. An optional module on “International Organisations and Development Strategies” allows students to specialise.

#### **Engineering - Renewable Energy and Energy Planning**

Students have to pass two compulsory modules on energy planning: “Sustainable Energy Planning in Rural Areas” and “Applied Informatics in Energy Planning”. All students must select two further engineering modules among subjects such as hydro, wind, biomass and solar energy as well as energy efficiency. This allows students to specialise according to individual interests and the needs of their home countries.

After successful completion of all modules, the students take part in an “International Class”, a five-week, project-oriented field research abroad. During the “International Class” students work in a multidisciplinary team on a development-oriented problem of sustainable energy use. This allows students to apply their knowledge in engineering, economics and social sciences and thereby deepen their methodological competencies in consultancy work and in planning sustainable energy systems.

The last six months of the programme are assigned to the Master’s thesis, possibly in combination with an internship, and the final oral exam, which is usually based on field research on energy-related problems in a developing country.

## Master of Engineering in “Energy and Environmental Management in Developing Countries” (formerly SESAM)

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<b>Target group</b>	Engineers and industrial engineers with work experience in the energy sector
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• BEng or equivalent university degree after a minimum of four years of studies.</li><li>• Professional experience of at least two years in a field related to the course focus.</li><li>• Proficiency in the English language: TOEFL (80 iBT), IELTS (Band 6) or equivalent.</li><li>• Students with a technical engineering degree not having a proven qualification in economics must participate in a 2-month preparation module (bridging course) on economics, which begins in January every year at the university.</li><li>• For applicants without adequate knowledge of German, a German language course begins in January every year at the university (plus lessons accompanying the course thereafter). Participation is compulsory for DAAD scholarship holders</li></ul>
<b>Degree awarded</b>	Master of Engineering (Industrial Engineering) in Energy and Environmental Management
<b>Course begins</b>	In March
<b>Course duration</b>	18 months
<b>Duration of Bridging course and German language course prior to beginning of programme</b>	3 months (begins in January)
<b>Application deadline</b>	Please find all current application deadlines on the course website: <a href="http://www.uni-flensburg.de/de/eem/admission/">www.uni-flensburg.de/de/eem/admission/</a>

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**Remarks** Candidates are required to electronically submit a particular application form which is available at the course website. Also on the website, a checklist of preconditions to be met is available.

The full application form must be accompanied by:

- CV
- School and university transcripts
- Certificates proving award of Bachelor's degree
- Proof of 2 years work experience and qualifications
- Language certificates TOEFL or IELTS
- Expectations towards the course and individual motivation for application
- Two letters of reference (one academic, one professional)

**For further information contact**

University of Flensburg  
Interdisciplinary Institute for Environmental-, Social- and Human Studies  
EEM in Developing Countries  
Auf dem Campus 1  
24943 Flensburg  
Germany

Phone: +49-(0)461-805-25 03

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Email: [sesam@uni-flensburg.de](mailto:sesam@uni-flensburg.de)

Website: [www.uni-flensburg.de/eem](http://www.uni-flensburg.de/eem)



## Leibniz Universität Hannover (Leibniz University of Hannover)

**Location** Hannover is a cultural centre in northern Germany and the state capital of Lower Saxony. It has several theatres, an opera house and a number of museums. With its Technical Library, Hannover hosts the German Central Library for all fields of technology, one of the largest specialist libraries in the world. Because of its numerous parks, Hannover is a very green city. Leibniz Universität Hannover is situated adjacent to the famous baroque gardens of Herrenhausen. The university, with more than 20,000 students and about 4,300 employees (including 300 professors), offers a broad study spectrum from natural sciences and engineering to economics, law and the humanities.

**Course focus** The Master's programme WATENV provides young, international professionals with the opportunity to qualify for responsible, leading positions in research agencies, consulting companies as well as national and international organisations in the fields of water resources and environmental management. Several institutes of the highly reputable and well-equipped Leibniz Universität Hannover are involved in the WATENV courses. The curriculum is interdisciplinary with optional specialisation in Water Resources Management or Sanitary Engineering.

In addition to scientific courses such as:

Water Resources Management, Sanitary Engineering, Computer & Informatics, Hydrological Modelling, Hydraulics, Ecology, Environmental Economics, Solid Waste Management, Environmental & Coastal Management, Environmental Data Analysis, etc., students are trained in soft skills required for successful scientific work.

The research-oriented course is accompanied by a two-month field study in the student's home (or another developing) country prior to the Master's thesis.

**Target group** Civil and environmental engineers (+ B.Sc. graduates of related sciences with work experience in the water sector) from developing countries looking for an additional academic qualification.

**Course language** English

<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• B.Sc. or equivalent university degree after a minimum of four years of university education with above average results</li><li>• At least two years of professional experience</li><li>• TOEFL (80 iBT, 550 PBT, 213 CBT) or IELTS (Band 6.0)</li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	in October (winter semester) each year
<b>Course duration</b>	Two years (1.5 yrs. in-class, 0.5 yrs. Master's thesis)
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	<p>For DAAD scholarships: 30 September 2017 at the University of Hannover (directly to WATENV office!) for the intake in winter semester 2018/2019.</p> <p>For self-financed students: 15 January 2018 at the University of Hannover for the intake in winter semester 2018/2019.</p>
<b>Remarks</b>	<p>Submitted documents will not be returned.</p> <p>Only certified copies will be accepted.</p>
<b>For further information contact</b>	<p>Leibniz University of Hannover Water Resources and Environmental Management - WATENV Institute of Water Resources Management, Hydrology and Agricultural Hydraulic Engineering Eva Starke / Pia Bähr Appelstraße 9A 30167 Hannover Germany</p> <p>Phone: +49-(0)511-762-5374 Fax: +49-(0)511-762-3731 Email: <a href="mailto:watenv@iww.uni-hannover.de">watenv@iww.uni-hannover.de</a> Website: <a href="http://www.watenv.de/">www.watenv.de/</a></p>



## Universität Oldenburg (University of Oldenburg)

**Location** The Carl von Ossietzky University of Oldenburg was founded in 1973 and is one of the younger research universities in Germany. Environmental and energy research are outstanding interdisciplinary areas of specialisation – more information at: <http://www.uni-oldenburg.de>.

The city of Oldenburg with a population of 165,000 is located near the North Sea and the Netherlands – more information at [www.oldenburg.de](http://www.oldenburg.de).

**Course focus** The 24-month programme consists of four terms: In the first term (Oct-Jan), the core modules provide a solid foundation of scientific principles in all renewable energy technologies within the framework of lectures, seminars, labs and excursions.. The second term (Apr-Jul) and third term (Oct-Jan) are comprised of more 'practical' applications of RE (case study, solar lab, etc.) and a more specialised continuation of the core modules. Additionally, an external internship is required. The fourth term (Oct-Mar) is dedicated to the master thesis project.

The curriculum structure is completely modularised according to standards given by the European Credit Transfer System (ECTS).

### Overview of Modules

- Energy Resources and Systems (6 CP)
- Renewable Energy Technologies I (12 CP)
- Renewable Energy Technologies II (6 CP)
- Fundamentals of Renewable Energy (12 CP)
- Sustainability of Renewable Energy (6 CP)
- Renewable Energy Complementary Topics (6 CP)
- Renewable Energy Systems & Modelling (6 CP)
- Specialistaion (12 CP)
- Renewable Energy Project (9 CP)
- Internship Module (9 CP)
- Transferable Skills (6 CP)
- Thesis Module (30 CP)

**Target group** Natural science and engineering graduates (B.Sc. & B.Eng.) who aim to build on relevant career experience and apply knowledge to the energy sector.

**Course language** English

- Entry requirements**
- Science or engineering degree (B.Sc./B.Eng. - min. degree: second upper or equivalent)
  - Two years of professional experience (compulsory for DAAD applicants; otherwise appreciated but not compulsory)

<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• English: TOEFL (80 iBT) or IELTS (Band 6.0) – certificate.</li><li>• Your last academic degree should preferably not be more than five years old</li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	October 2018
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months; starting early August (for students awarded a DAAD scholarship)
<b>Application deadline</b>	For DAAD scholarship: 15 October 2016 – online application at <a href="http://www.uni-oldenburg.de/en/ppre/">www.uni-oldenburg.de/en/ppre/</a>  For self-sponsoring (or other scholarships): 15 January 2017 – online application at <a href="http://www.pppe.de">www.pppe.de</a>
<b>Remarks</b>	<ul style="list-style-type: none"><li>• All candidates are required to apply online and upload their documents. DAAD applicants must upload the official DAAD application form along with their other documents in the process. Only DAAD applicants from Cameroon need to hand in an additional paper application with notarized/certified copies at their local embassy to verify their documents (deadline July 31!)</li><li>• A detailed list of required documents is provided at <a href="http://www.pppe.de/application">www.pppe.de/application</a></li><li>• A practical training of approx. 2 months duration is to be taken during the M.Sc. programme</li><li>• Applications must be submitted in English</li><li>• Tuition fee of 1.000 Euros per term for self-sponsoring students</li></ul>
<b>For further information contact</b>	University of Oldenburg Institute of Physics Edu Knagge Postgraduate Programme Renewable Energy (MSc) Carl-von-Ossietzky-Str. 9-11 26129 Oldenburg Germany  Phone: +49-(0)441-798-3544 Fax: +49-(0)441-798-3990 Email: <a href="mailto:ppre@uni-oldenburg.de">ppre@uni-oldenburg.de</a> Website: <a href="http://www.uni-oldenburg.de/en/ppre/">www.uni-oldenburg.de/en/ppre/</a>



## Hochschule für Technik Stuttgart (Stuttgart University of Applied Sciences)

**Location** Stuttgart is a vibrant, fascinating city and the state capital of Baden-Wuerttemberg. It is the economic, cultural, sporting and social hub of a region in the heart of Europe with more than 2.5 million inhabitants. The city is surrounded by beautiful countryside; the Black Forest and Lake Constance are highlights in southern Germany and are not far away. The University of Applied Sciences (UAS) is located in the heart of Stuttgart. The UAS has a long history with a rich tradition in engineering education since 1832.

**Course focus** The M.Sc. course aims at educating future decision makers and senior engineers of information and land management projects, national authorities for mapping, photogrammetry, land consolidation, cadastre, forestry, agriculture, rural and urban planning or environment monitoring.

The postgraduate course offers scientific and practice-oriented education and training in the fields of photogrammetry, remote sensing and geoinformatics. An important objective is the transfer of up-to-date techniques to practice, under various technological conditions.

Photogrammetric technology is trained on modern digital workstations including sophisticated analytical systems. Focus is on processing aerial photographs, from scanning, automated aero triangulation and acquisition of digital elevation models, to orthoimage generation and topographic and thematic mapping. Gaining experience in working with alternative data sources of increasing importance, like high resolution remote sensing satellites and radar and airborne laser scanning, round off modern photogrammetric education.

The main topics in the field of geoinformatics are the acquisition, storage, analysis, retrieval and display of spatial related data, concerning both earth's physical features and the man-made environment. Studying the methods for data modelling in geoinformation systems, design and handling of diverse databases, GIS-data formats, GIS customisation including programming, all accompanied by intensive training are important parts of the postgraduate course. Most recent developments like world wide web technologies, 3D-visualisation and integration of GIS and photogrammetry prepare course participants for the future.

A full-time research project aiming at the elaboration of a Master's thesis within six months concludes the programme.



## Photogrammetry and Geoinformatics

<b>Target group</b>	The course is designed for all kinds of professional producers or users of geodata (e.g. in photogrammetry, geodesy, civil engineering, land surveying, agriculture, cartography, forestry, geography, geology), in particular from developing countries, who are involved as decision makers or project engineers in the acquisition, administration and use of geodata in the context of geoinformation systems, photogrammetry and remote sensing.
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Degree (equivalent of B.Sc.) in Civil Engineering, Geodesy, Geography, Agriculture, Forestry or corresponding degrees of other professions related to geodata</li><li>• Two years of competent professional experience are required</li><li>• English: TOEFL (550 PBT or 79 iBT) or IELTS (Band 6) – certificate</li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.) in Photogrammetry and Geoinformatics
<b>Course begins</b>	Every year in October
<b>Course duration</b>	18 months (two semesters and six months supervised study with Master's thesis)
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	15 October at the University
<b>Remarks</b>	<p>The study course is accredited by ASIIN, the Accreditation Agency for Study Courses in Engineering, Informatics, Natural Science and Mathematics. Complete applications must be submitted in English. A good mathematical background and good computer skills are required.</p> <p>It is difficult to find furnished apartments in Stuttgart; therefore, we advise against bringing your family.</p> <p>In addition to the official DAAD application form, candidates are required to submit a particular course application form, which is available at <a href="http://www.hft-stuttgart.de">http://www.hft-stuttgart.de</a>.</p>
<b>For further information contact</b>	<p>Hochschule für Technik Stuttgart Prof. Dr.-Ing. Dietrich Schröder Schellingstrasse 24 70174 Stuttgart</p> <p>Phone: +49-(0)711-8926-2612 Fax: +49-(0)711-8926-2556 Email: <a href="mailto:master-pg@hft-stuttgart.de">master-pg@hft-stuttgart.de</a> Website: <a href="http://www.hft-stuttgart.de">www.hft-stuttgart.de</a></p>

# Master's Program Infrastructure Planning



## Universität Stuttgart (University of Stuttgart)

**Location** Located in the heart of Europe near Switzerland, Austria and France, the Stuttgart Region is a very successful centre of industry and commerce in Germany, including global players like Daimler, Porsche, Bosch, and IBM Germany. The City of Stuttgart itself with approx. 610,000 inhabitants is surrounded by beautiful countryside, the Black Forest Mountains and Lake Constance. Famous opera and ballet productions, a philharmonic orchestra as well as a variety of museums, theaters and events, offer a vivid cultural life. Stuttgart is a good choice for international students, as they account for 20 percent of the total number of 28,000 students at the University of Stuttgart, which is amongst the highest ratios at German universities.

**Course focus** A well-planned system of infrastructure facilities is the primary prerequisite for development in any country. There is a pressing international need for professionals capable of directing the conception, planning and construction of infrastructure facilities for transportation, water and waste management on the urban as well as the regional level, while integrating economic, social, ecological and management aspects.

With the Master's Program Infrastructure Planning, the University of Stuttgart offers an internationally acclaimed M.Sc. program since 1983. Faculty members from different institutes and experienced practitioners share their knowledge with a limited number of 35 students per session. Special emphasis is placed on an interdisciplinary approach to planning in an intercultural context, which is an essential qualification for modern infrastructure planners in large scale and complex projects, especially in international project cooperation.

### **Program structure and content:**

The tightly structured program is divided into four semesters. Whereas the first semester provides a number of basic mandatory modules to broaden the professional horizon, the second semester offers a variety of electives to the advanced students. In the third semester, besides additional electives, an extensive case study deals with the complex problems of infrastructure planning and the challenges of interdisciplinary teamwork. Intensive group work provides training in methods and techniques applied successfully in Germany. During the fourth semester students write their Master's thesis, where interdisciplinary subjects can deal with a problem or project relevant to the individual student's home country.

<b>Course focus</b>	<b>Modules offered in the Master's Program MIP include:</b> Case Study, Statistics and GIS, Integrated Planning, Economics, Social Aspects of Planning, Project Management, Development Policy and Planning, Urban and Regional Planning, Ecological Aspects of Infrastructure Planning, Energy and Water Supply, Transportation, Waste Water and Solid Waste Management, Project Appraisal, Planning and Financing, Tendering and Contracting
<b>Target group</b>	Civil engineers, architects and urban planners as well as graduates from related fields of study who wish to gain insight into infrastructure planning in a broad, integrated context and who want to prepare for international and complex planning tasks. Career goals might be: infrastructure planner in the private sector/consultant, civil servant dealing with various aspects of infrastructure planning on the regional/national level or decision maker in policy and planning. Graduates will be capable of directing and coordinating the work of international and interdisciplinary teams of specialists from a wide variety of infrastructure-related fields.
<b>Course language</b>	English. Fluency in written and spoken English is essential from the beginning of the program. Class work involves reports and oral presentations in English. Basic knowledge of German has to be acquired throughout the program in mandatory German classes offered by the University of Stuttgart.
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Bachelor (minimum 6 semesters, some countries 8) or equivalent in civil engineering, architecture, urban planning or related fields</li><li>• At least two years of relevant professional experience is required <b>only</b> for DAAD scholarship applicants; self-financing students can enter the program without professional experience</li><li>• English; TOEFL (550 PBT, 213 CBT, 79 iBT) or IELTS (Band 6.0)</li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	Every year in October
<b>Course duration</b>	Four semesters
<b>Duration of German language course prior to beginning of programme</b>	6 weeks (starting at the beginning of September)

## Master's Program Infrastructure Planning

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**Application deadline** Closing date for applications for admission to the program in 2018 and for funding by DAAD scholarship: 30 September 2017, online application at the University of Stuttgart.  
Final deadline for applications (private funding without scholarship): 15 February 2018, online application at the University of Stuttgart.

**Remarks** Admission on an annual basis for the Winter Semester only.  
Online application in the university system "C@MPUS".  
Test of English proficiency is mandatory for all applicants.  
  
A mandatory German language course begins on September 1, 2018, prior to the beginning of lectures in October 2018.  
A limited quota of single rooms in student dormitories is available, but accommodation for families cannot be arranged.  
  
An administrative and social fee of 170 EUR per semester is charged by the University of Stuttgart.  
  
Please note: the State of Baden-Württemberg is planning to introduce a tuition fee of 1500 EUR per semester for international students starting with the winter semester 2017/18. Updated information can be found on the MIP-homepage in June 2017.

**For further information contact**

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Master's Program Infrastructure Planning  
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[www.uni-stuttgart.de](http://www.uni-stuttgart.de)

# Natural Hazards and Risks in Structural Engineering – NHRE



## **Bauhaus-Universität Weimar (Bauhaus University Weimar)**

**Location** Weimar is a small city located in the heart of Germany. Its culturally important history and active intellectual climate contribute very much to the attraction of the city. Bauhaus University Weimar offers a unique study profile, combining structural engineering with architecture, the arts and modern media topics. Programmes offered follow bachelor, master, and doctoral tracks.

**Course focus** The Master's degree programme Natural Hazards and Risks in Structural Engineering is an intensive, supervised, research-oriented and application-based advanced course of study. It builds on the expertise and methodical skills in several fundamental areas of engineering gained in a first-level degree programme or through practical professional experience.

By providing students with advanced, scientifically-based, interdisciplinary knowledge, skills and methods, they are able to take on demanding engineering tasks in the areas of planning, construction and the realisation of structures under specific impact conditions. They are also able to carry out site or structure-specific risk analyses using modern tools for gauging the threat of natural hazards.

In addition to strengthening their theoretical and scientific competence, candidates are able to develop skills in modelling, numerical simulation and application of behaviour-based design and detection methods, fieldwork and laboratory investigation.

In order to structure and reflect the complexity of the chain reactions inherent to natural hazards, this programme explores in detail various engineering disciplines and engineering-related areas of the natural sciences, social sciences and economics. It examines the central role that civil engineering plays in mitigating the impact of natural disasters and focuses on the engineering methods that we can use to assess and possibly reduce the vulnerability of buildings and structures. Using international projects as models, the programme highlights the demands on engineering technology at both the regional and global level. The elective compulsory modules expand on lines of development that systematically prepare graduates for future careers or higher research positions.

**Target group** Professionals with two years' experience working in private companies, administrations or governmental institutions related to the field of civil and structural engineering.

**Course language** English

## Natural Hazards and Risks in Structural Engineering – NHRE

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<b>Entry requirements</b>	<p>Bachelor's degree (B.Sc., B.Eng. or B.Tech.) in Civil and Structural Engineering or a related field with a final grade of 2.5 (acc. to German system) or better.</p> <p>Proof of English language proficiency level B2 by submitting either:</p> <ol style="list-style-type: none"><li>1. Proof of English proficiency as a native speaker (certificate of higher education entrance qualification or first-level professional qualification (i.e., undergraduate degree) from an English-speaking country), or</li><li>2. Proof of English proficiency level B2 based on the Common European Framework of Reference for Languages, certified by one of the following internationally recognized certificates:<ul style="list-style-type: none"><li>• TOEFL (79 iBT, 213 CBT, 550 PBT)</li><li>• Cambridge Certificate in Advanced English, Grade C</li><li>• IELTS (Band 6.0) or other equivalent certificate.</li></ul></li></ol>
<b>Degree awarded</b>	Master of Science in Natural Hazards and Risks in Structural Engineering
<b>Course begins</b>	October (winter semester) Next intake: 1 <sup>st</sup> October 2017
<b>Course duration</b>	Two years
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	15 October of the year prior to start at the University.
<b>Remarks</b>	<p>In addition to the official DAAD application form, candidates are required to submit an online application for Bauhaus University.</p> <p>Online application (for Bauhaus University) and help concerning application procedure are available at: <a href="https://weimar.gomovein.com/locallogin/5873933e547cd0744f8b4567/eng">https://weimar.gomovein.com/locallogin/5873933e547cd0744f8b4567/eng</a></p>
<b>For further information contact</b>	<p>Bauhaus-Universität Weimar Faculty of Civil Engineering – NHRE– Dipl.-Ing. Birgit Bode Marienstraße 7A 99421 Weimar</p> <p>Phone: +49-(0)3643-584568 Fax: +49-(0)3643-584565 Email: <a href="mailto:nhre@bauing.uni-weimar.de">nhre@bauing.uni-weimar.de</a> <a href="mailto:birgit.bode@uni-weimar.de">birgit.bode@uni-weimar.de</a></p> <p>Website: <a href="http://www.uni-weimar.de/nhre/">www.uni-weimar.de/nhre/</a></p>



## Technische Universität Kaiserslautern (University of Kaiserslautern)

- Location** The University of Kaiserslautern, founded in 1969, is still very young and focuses on natural and engineering sciences. About 14,000 students are currently enrolled in the university's 12 departments. The facilities of the mathematics department meet high standards, especially the laboratories, libraries and computers; free access is provided to all students.
- Kaiserslautern (100,000 inhabitants) is located in the heart of the European Union, by the famous, recreational Palatinate Forest and close to the French border in the west. Frankfurt airport is a 90-minute train ride away. Kaiserslautern offers all the amenities of a modern city, including a rich and vivid culture and sports scene.
- Course focus** For 36 months, the PhD students will pursue their research supervised by a professor of the University of Kaiserslautern. In general, supervisor and student determine the topic of the PhD thesis in cooperation with a company, often via the “Fraunhofer-Institute for Industrial Mathematics” (ITWM).
- Participants of the MIC programme apply modern mathematical theories (partial differential equations, stochastics, singularity theory, etc.) to model technological, economic and ecological problems. Computer-oriented numerical methods (FEM, optimisation, statistics, etc.) are used to simulate processes and evaluate the models.
- Good programming skills are a must.
- Possible research areas are:**
- Applied Mathematical Statistics
  - Biomathematics
  - Computer Algebra and Singularity Theory
  - Cryptography
  - Differential Algebraic Systems
  - Differential Equations
  - Mathematical Control Theory
  - Mathematical Image Processing and Data Analysis
  - Optimisation
  - Scientific Computing
  - Stochastic Control and Financial Mathematics
- Target group** Mathematicians interested in the application of theoretical results to real world problems

## PhD Programme “Mathematics in Industry and Commerce” – MIC

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<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Excellent M.Sc. degree (or equivalent) in mathematics</li><li>• English: TOEFL (540 PBT, 207 CBT, 76 iBT) or IELTS (Band 6) – certificate</li></ul>
<b>Degree awarded</b>	Doctor rerum naturalium (Dr. rer. nat.)
<b>Course begins</b>	October, an introductory German language course starts in August
<b>Course duration</b>	36 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	15 January at the University of Kaiserslautern.
<b>Remarks</b>	Applicants are required to submit a particular course application form, which is available from the webpage of the Graduate School.
<b>For further information contact</b>	Technische Universität Kaiserslautern Fachbereich Mathematik Graduate School “Mathematics as a Key Technology” Postfach 30 49 67653 Kaiserslautern Germany  Phone: +49-(0)631-205-3246 or -3246 Fax: +49-(0)631-205-2048 or -2048 Email: grad_school@mathematik.uni-kl.de Website: www.mathematik.uni-kl.de/MIC





## **Technische Universität Berlin (Berlin University of Technology)**

<b>Location</b>	With three prestigious universities and numerous other educational institutions, Berlin is a centre of academic life in Germany. Living and studying in this vibrant urban centre offers an opportunity to actively participate in European urban culture and learn from the experience of dealing with a bustling metropolis. With nearly 6,000 international students from 130 different countries, TU Berlin has one of the highest percentages of international students in Germany.
<b>Course focus</b>	The focus of the course is on development situations in the South and transition countries. The course offers training in management approaches that cross the boundaries of isolated professional knowledge and aims to present workable solutions for city management. The issues addressed are related to the most urgent problems of urban development in many countries, including environmental degradation, uncontrolled urban growth, insecure land tenure, sub-standard housing conditions for the urban poor, inadequate decision making and local planning systems.
<b>Target group</b>	Professionals already working in the field of urban planning, architecture, landscape architecture, civil engineering, administration, etc.
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Bachelor's degree or equivalent in an urban development-related field</li><li>• At least two years of practical experience in a field related to urban management</li><li>• TOEFL (213 CBT, 550 PBT, 79 iBT) or IELTS (Band 6)</li></ul>
<b>Degree awarded</b>	Master of Science in Urban Management
<b>Course begins</b>	October 2018
<b>Course duration</b>	18 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)

**Application deadline** Application deadline for DAAD scholarship:  
31 August 2017 at the Berlin University of Technology  
Applicants from Nigeria and Cameroon please see DAAD website.  
The DAAD can award no more than three scholarships for this degree programme.  
30 April 2018 at the Berlin University of Technology for self-financing students

**For further information contact** Faculty VI  
Sekt. HBS 5  
Hardenbergstr. 16-18  
10623 Berlin  
Germany  
Phone: +49-(0)30-31421-468  
Fax: +49-(0)30-31427-323  
Email: [info@urbanmanagement.tu-berlin.de](mailto:info@urbanmanagement.tu-berlin.de)  
Website: [www.urbanmanagement.tu-berlin.de](http://www.urbanmanagement.tu-berlin.de)



## Technische Universität Dortmund (TU Dortmund University)

**Location** The TU Dortmund University, with more than 30,000 students, combines academic tradition with high-quality teaching. Consistent with its mission, the University has been developing innovative programmes with a focus on new teaching and research content since 1968. The School of Spatial Planning, the first and largest planning school in Germany, initiated the SPRING programme in 1984.

The Master programme SPRING is jointly offered within an international university network:

- the School of Spatial Planning, TU Dortmund University, Germany;
- the Department of Planning, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana;
- the School of Urban and Regional Planning, University of the Philippines (UP), Quezon City, The Philippines;
- School of Urban and Regional Planning, Ardhi University (ARU), Dar es Salaam, Tanzania;
- the Faculty of Economic and Administrative Science, Universidad Austral de Chile (UACH), Valdivia, Chile.

**Course focus** In order to reduce regional disparities, governments in Africa, Asia and Latin America have initiated new regional development strategies based on national decentralisation policies. The management level of the new decentralised administrative units (districts, regions or municipalities), however, is rarely commensurate with the new requirements. Planners are not only increasingly challenged to overcome the boundaries between administrative sectors and bridge the gap between formulating a plan and implementing a programme but also cope with the implications of climate change on the planning process. New qualifications are required, ranging from planning competence to management skills, i.e., to make programmes operational with respect to financial requirements and restrictions or to moderate participatory processes. SPRING places its emphasis on development management at an intermediate level between macro-regional and community-based planning.

**Target group** Practitioners in regional and urban development planning and administration in developing countries

**Course language** English

## SPRING – Regional Development Planning and Management

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- Entry requirements**
- A Bachelor's degree or its equivalent in a field related to Regional or Urban Planning with significantly above average grades
  - A high standard of proficiency in written and spoken English: TOEFL (540 PBT, 220 CBT, 80 iBT) or IELTS (Band 6.0) and
  - A strong commitment to further work in regional development planning
- Requirements for DAAD scholarships:
- At least two years of professional practice

**Degree awarded** Master of Science in Regional or Urban Development Planning and Management

**Course begins** Every year in October

**Course duration** 24 months

**Duration of German language course prior to beginning of programme** 5 to 6 weeks (for students awarded a DAAD scholarship)

**Application deadline** For DAAD scholarship applicants:  
1 October at TU Dortmund University for intake in the subsequent year.

For applicants with own financial resources or other scholarships:  
9 May at TU Dortmund University for intake in the same year.

**Remarks** A SPRING course covers two years. During the first year, students study at the TU Dortmund University in Germany with a focus on theories and methods of regional development. In the second year, students are free to choose a specific focus (urban planning, sustainable development planning and management, special problems in regional planning, environmental economics in planning) and continue their studies at one of the SPRING network partners.

The first SPRING year is organised into three phases simulating an ideal planning cycle (analysis, planning and implementation). Each phase converges into a workshop integrating the various subjects of the programme. The second year concentrates on the specific focus of the network partner and on fieldwork, which provides the input for the Master's thesis.

**For further information contact** TU Dortmund University  
School of Spatial Planning, SPRING  
44221 Dortmund  
Germany

Phone: +49-(0)231-755-6075

Fax: +49-(0)231-755-6468

Email: [application.spring@tu-dortmund.de](mailto:application.spring@tu-dortmund.de)

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



## **Karlsruhe Institute of Technology (KIT), Institute for Regional Science**

### **Location**

Located on the Rhine plain in the south west of Germany between the Black Forest and the Vosges Mountains (France), the city of Karlsruhe with its distinct fan-shaped layout dating back to the Baroque era was founded in 1715. As a cultural centre of supra-regional importance, Karlsruhe is home to two German national courts and counts among Germany's leading technology centres. The city stands out by its wide array of higher education institutions. In 2010, world-wide attention has been given to the fusion of the long-standing University of Karlsruhe with the Karlsruhe Research Centre to become the Karlsruhe Institute of Technology (KIT).

Due to its outstanding profile of academic excellence, the KIT attracts students from all over the world. About one-fifth of the KIT's 23,000 students are non-German. Since its foundation in 1966, the KIT's Institute of Regional Science (IfR) has been an important national and international contact point with regard to teaching and research for those ambitious to work in regional science and spatial planning and to develop strategies for underdeveloped regions. In the framework of its Master's degree course in Regional Science/Spatial Planning, the IfR has successfully trained hundreds of postgraduates from all over the world to date.

### **Course focus**

Many public and private measures affect space. Particularly, large-scale infrastructure projects such as dams, power plants, roads, railway lines, or new urban quarters are seen as symbols of a modern state. Yet some of these facilities also have undesirable effects, as they fail to consider multiple factors on the local and regional level.

In fact, any planning scheme and any public measure with regard to space affects a region's social systems, its economy and the complex interplay of a region's natural factors. Therefore, non-sectoral and coordinative planning on the local, regional, and international level needs to be governed by a sustainable spatial planning approach analyzing and considering these influencing factors.

The Institute of Regional Science (IfR) at KIT applies this broad interdisciplinary approach to spatial planning in both research and teaching, integrating geo, natural, economic and social sciences. The Master's degree course in Regional Science/Spatial Planning educates young postgraduates mainly from developing countries to develop sustainable strategies to tackle social, economic, political and environmental challenges in their home countries, putting a special focus on underdeveloped regions, natural hazards and disaster prevention. Students from all over the world have successfully completed the Master's degree course in Regional Science/Spatial Planning and today hold key positions in national and international development aid agencies, NGOs, political and educational institutions.

<b>Course focus</b>	<p>Since 2014, students of the Master's degree course in Regional Science/Spatial Planning can choose between two programmes: the international Master's degree programme in Regional Science/ Spatial Planning at KIT focussing on underdeveloped regions and the German-Chilean Master's degree programme in Regional Science/ Spatial Planning focussing on natural hazards and disaster prevention, a cooperation between the University of Concepción (UdeC), Chile, and KIT. Graduates receive a double Master's degree.</p> <p><b>This programme is not eligible for EPOS study scholarships.</b></p>
<b>Target group</b>	<p>Postgraduates holding an university degree in a field related to spatial/ planning science such as urban planning, geography, ecology, sociology, macroeconomics and other eligible specializations.</p>
<b>Course language</b>	<p>German; in the German-Chilean Master's degree programme in Regional Science/Spatial Planning focussing on natural hazards and disaster prevention: German and Spanish</p>
<b>Entry requirements</b>	<ul style="list-style-type: none"> <li>• Excellent university degree; 2 years of work experience desirable</li> <li>• German language skills according to the Common European Framework of Reference for Languages: At least A2 at the time of application, DSH-2 by the start of studies</li> </ul>
<b>Degree awarded</b>	<p>International Master's degree programme in Regional Science/Spatial Planning at KIT focussing on strategies for underdeveloped regions: Master of Science in Regional Science (KIT); German-Chilean Master's degree programme at KIT and UdeC focussing on natural hazards and disaster prevention: double degree Master of Science in Regional Science (KIT) and Magister en Ciencias Regionales (UdeC)</p>
<b>Beginning of course</b>	<p>International Master's degree programme in Regional Science/Spatial Planning focussing on strategies for underdeveloped regions: October; German-Chilean Master's degree programme focussing on natural hazards and disaster prevention: August</p>
<b>Course duration</b>	<p>2 years</p>
<b>Duration of German language course prior to beginning of course</b>	<p>6 months for DAAD scholars of the international Master's degree programme in Regional Science/Spatial Planning at KIT focussing on strategies for underdeveloped regions</p>
<b>Application deadline</b>	<p>International Master's degree programme in Regional Science/Spatial Planning at KIT focusing on strategies for underdeveloped regions: 30 October of the year preceding the planned start of studies for DAAD scholarship applicants; 15 July of the year of intended start of studies for applicants not applying for a DAAD scholarship. German-Chilean Master's degree programme at KIT and UdeC focussing on natural hazards and disaster prevention: 31 July (<b>not eligible for EPOS study scholarships</b>).</p>

**Remarks** To prepare the Master's thesis, a field research period is included in the international Master's degree programme in Regional Science/ Spatial Planning focusing on strategies for underdeveloped regions. The German-Chilean Master's degree programme in Regional Science/ Spatial Planning focusing on natural hazards and disaster prevention takes place in Chile (UdeC, Concepción) and Germany (KIT, Karlsruhe).

**For further information contact** KIT  
Institute of Regional Science  
Ms Gundula Marks  
Kaiserstr. 12  
76131 Karlsruhe  
Germany  
Phone: +49-(0)721-6084-2365  
Fax: +49-(0)721-6084-2888  
Email: [info@ifr.kit.edu](mailto:info@ifr.kit.edu)  
Website: [www.ifr.kit.edu](http://www.ifr.kit.edu)



## Technische Universität München (TUM)

### Location

The Technische Universität München was founded in 1868. The main campus of TUM is located in the inner city of Munich close to the old city centre, while many of the institutes are in Munich's beautiful surroundings. TUM currently hosts approx. 38,000 students in its 13 faculties, about 20 per cent of whom come from abroad.

Munich is the capital of Bavaria, Germany's southernmost state. Bavaria offers an impressive cultural heritage and many areas of outstanding natural beauty. Munich itself, an 850-year-old city with 1.3 million inhabitants, is one of the major cultural centres in Germany. In addition, Munich also hosts the headquarters and major research and development departments of many high-tech companies, international as well as German. Many of them cooperate closely with TUM.

### Course focus

The Master's programme is built on three pillars,

- geodetic, planning and engineering skills,
- methods of land administration, land (use) management, land conflicts resolution and environmental risk management, and
- political, regulatory and socio-economic frameworks,

and thus aims to qualify mid-career students in interdisciplinary approaches to land policy, land governance and land management in both the rural and urban context. The lectures focus on land rights, land policy and governance, land economics, land administration, land management, urban and rural development, land conflicts, environmental risk management, GIS, positioning, cartography, participatory planning approaches, management skills, research and study skills. Students are trained in the application of practical methods and tools. Case studies, field trips and lectures given by experts with practical international experience round off the programme. The Master's programme also includes an internship and an individual research project. Both can be completed either in Germany or abroad.

### Target group

Professionals with at least two years of work experience in the field of land management, land administration, land policy, land use planning, land tenure, resource management or related fields.

### Course language

English



## Land Management and Land Tenure

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<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• A qualified Bachelor's degree or equivalent</li><li>• At least two years of work experience in a field related to land management</li><li>• English language requirements for non-native speakers:<ul style="list-style-type: none"><li>• TOEFL: 88 iBT, 234 CBT, 605 PBT</li><li>• IELTS: Band 6.5</li><li>• Cambridge Main Suite of English Examinations: CAE or CPE,</li><li>• Grades A, B or C</li></ul></li></ul>
<b>Degree awarded</b>	Master of Science
<b>Course begins</b>	Mid-October 2018
<b>Course duration</b>	18 months (three semesters)
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	30 November 2017 at the University 31 May 2017 if no scholarship is required
<b>Remarks</b>	Please note that all applicants should apply through TUM's online application system ( <a href="https://campus.tum.de/">https://campus.tum.de/</a> ). For questions, please contact Ms. Dr. Pamela Duran Diaz (lmlt.bgu@tum.de).  The two-month German language course in Munich begins early August 2018.
<b>For further information contact</b>	Technische Universität München Faculty of Civil Geo and Environmental Engineering Chair of Land Management Ms. Dr. Pamela Duran Diaz Coordinator Master's Programme Arcisstrasse 21 80333 Munich  Phone: +49-(0) 89-289-25789 Fax: +49-(0) 89-289-23933 Email: <a href="mailto:pamela.duran@tum.de">pamela.duran@tum.de</a> Website: <a href="http://www.landmanagement.bgu.tum.de">www.landmanagement.bgu.tum.de</a>

# MSc. IUSD / Master of Science Integrated Urbanism and Sustainable Design



## Universität Stuttgart (University of Stuttgart), Faculty of Architecture and Urban Planning

<b>Location</b>	Keplerstr.11,70174 Stuttgart, Germany, Europe
<b>Course focus</b>	The Integrated Urbanism and Sustainable Design is a Masters' program hosted at the University of Stuttgart and Ain Shams University in Cairo. It trains and prepares a new generation of urban practitioners to face the tremendous environmental, cultural, socio-economic and governance challenges resulting from the dynamic urban transformation around the globe.
<b>Target group</b>	Graduates and young professionals from the fields of architecture, urban planning, landscape architecture and regional planning as well as to graduates with other Bachelor degrees and with relevant professional experience. The philosophy is based on transnational learning exchange between students with different regional backgrounds applied to a specific urban reality.
<b>Course language</b>	English
<b>Entry requirements</b>	<p>Open to applicants from all over the world with an internationally recognized Bachelor degree in architecture, urban planning, landscape architecture, regional planning or civil engineering.</p> <p>Professionals with Bachelor degrees in geography, sociology, environmental management, political science or economics and cultural studies, Arabic, African or Islamic studies with relevant professional experience will also be considered but should also provide proof of relevant professional experience in fields related to architecture, urban and development planning or infrastructure design.</p>
<b>Degree awarded</b>	MSc. IUSD
<b>Course begins</b>	Mid of October in Stuttgart
<b>Course duration</b>	4 Semesters
<b>Application deadline</b>	15 February 2018
	The application is conducted as an online process. applications, submitted by post, cannot be considered

## Master of Science Integrated Urbanism and Sustainable Design – Msc. IUSD

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### **For further information contact**

IUSD Office University of Stuttgart

Phone: +49-(0)711 68583370

Email: [info@iusd.uni-stuttgart.de](mailto:info@iusd.uni-stuttgart.de)

Website: [www.iusd-program.net](http://www.iusd-program.net)

IUSD Office Ain Shams University

Phone: +202 24662361

Email: [iusd@eng.asu.edu.eg](mailto:iusd@eng.asu.edu.eg)

Website: [www.iusd-program.net](http://www.iusd-program.net)

# Agricultural Sciences and Resource Management in the Tropics and Subtropics – ARTS



## Universität Bonn (University of Bonn)

**Location** With a student population of 30,000, including nearly 5,000 international students from more than 90 different countries, the University of Bonn is not only one of the largest in Germany but also an international institution rich in tradition, underscored by its partnerships with distinguished universities in Europe, North America, Africa, Asia and Australia. The city of Bonn can look back upon a history of more than 2000 years. As Federal City, Bonn is headquarters to a large number of international institutions including the GIZ and various United Nations secretariats.

**Course focus** Agricultural production uses natural resources in diverse ways. These resources show complex interactions and are sensitive to human activities and interventions. Their appropriate management requires skilled individuals with both the biophysical and the socioeconomic background knowledge. The ARTS programme is designed as a research-oriented, multidisciplinary approach to expand students' overall background in the basic and applied management of natural resources for agricultural development and research in (sub)tropical environments. Students develop a holistic, cross-disciplinary understanding and acquire a systems' view of structure, use, interactions, endangerment and protection of natural resources. Graduates from the ARTS Master's programme (M.Sc.) are equipped with skills and tools to recognize and solve problems related to (sub)tropical resource management, thus

- making them effective leaders for agricultural development.
- preparing them for agricultural and environmental research and development positions.
- providing an entry qualification for PhD programmes.

**Course focus** The ARTS programme extends over 24 months and is structured into compulsory and optional modules, following the European Credit Transfer System. The international organisations located in Bonn offer opportunities for internships to registered ARTS students, and representatives contribute to lectures and seminars.

- The first semester serves to broaden students' knowledge by providing an overview on the structure and use of resources in (sub) tropical agriculture. Interdisciplinary lectures and seminars focus on resource interactions in relation to the social, economic and political context and are supplemented by practical exercises and diverse socio-cultural activities.
- In the second semester, students intensify their knowledge by choosing at least five from a catalogue of 20 modules in three elective specialisation areas: a) ecosystem b) molecular and physiological, or c) social-economic approaches to resource management.
- The third study semester, under the theme "from knowledge to action", prepares students to translate research questions into activities and projects. Activities comprise seminars and exercises on scientific communication, research planning and project management.
- The last study semester is devoted to the thesis research, including the elaboration and presentation of a thesis proposal, the collection of experimental data at the (sub)tropical field research site, and the writing and defence of the thesis.

Fulfilling the requirements for the Master of Science degree includes passing the predetermined number of 120 credits in the form of courses, seminars and the thesis.

**Target group** Young, qualified professionals from government agencies, NGOs, private enterprises, and universities, presently working in agricultural/ environmental research and development or related fields.

**Course language** English

- Entry requirements**
- Degree (B.Sc.) in agricultural sciences or in a field related to the postgraduate course with an above-average grade from a university/ college
  - Fluency in English: TOEFL (550 points) or IELTS (Band 6.0) – certificate
  - The last academic degree should have been obtained less than 5 years ago.

## Agricultural Sciences and Resource Management in the Tropics and Subtropics – ARTS

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<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	October
<b>Course duration</b>	24 months (four semesters) technical courses, practical, project seminar and thesis research.
<b>Duration of German language course prior to beginning of programme</b>	2 months (August-September); German language tutoring continues throughout the first study year.
<b>Application deadline</b>	<p>For DAAD scholarship applicants: 15 September in the year before study begin at the University of Bonn</p> <p>For direct applicants (without DAAD scholarship): 15 March in the year of study begin at the University of Bonn (if visa is needed) 30 June in the year of study begin at the University of Bonn (if visa is not needed)</p>
<b>Application documents</b>	<ul style="list-style-type: none"> <li>• DAAD application form (only for DAAD applications)</li> <li>• ARTS application form (only for direct applications)</li> <li>• CV</li> <li>• 2-3 pages scientific research proposal</li> <li>• English language certificate</li> <li>• Two letters of recommendation by employers or professors</li> <li>• Degree (authenticated hard copy)</li> <li>• Academic transcript (authenticated hard copy)</li> </ul>
<b>Remarks</b>	<p>Except for the general administrative and student registration fees of about € 250 per semester, there are no additional fees (i.e., for tuition). The estimated monthly cost of living in Bonn is about € 650.</p>
<b>For further information contact</b>	<p>University of Bonn, Faculty of Agriculture ARTS-Secretariat Nussallee 1 53115 Bonn Germany</p> <p>Phone: +49-(0)228-73-3364 Fax: +49-(0)228-73-2619 Email: arts@uni-bonn.de Website: www.arts.uni-bonn.de</p>



## Technische Universität Dresden (TU Dresden)

- Location** The Department of Forest Sciences of the TU Dresden is located in Tharandt, a picturesque small town close to Dresden, surrounded by forests. Higher education in forestry has been taking place here for more than 200 years; the tradition of tropical forestry dates back to the 1930s/1960s.
- Master's students in Tropical Forestry research are preferably accommodated by the various student hostels in Dresden. Frequently running suburban trains connect Tharandt within less than 20 minutes.
- The scientific institutes, lecture rooms and labs are housed in buildings of the former Royal Academy of Forestry as well as recent constructions with modern equipment for teaching, studying and experimenting.
- Course focus** The Master's course educates and qualifies future executives and research experts for the development of scientifically based, innovative and sustainable management concepts for natural forests, forest plantations, agroforestry systems and urban green spaces as well as for supervision of their implementation and monitoring. Special emphasis is given to a flexible adaptive approach towards the changing conditions of society. It includes the manifold interactions among human beings and forest development from a multidisciplinary perspective. The course programme is designed to qualify graduates to meet the standards required for careers in governmental and nongovernmental organisations, as well as enterprises on national and international levels.
- The course goes beyond complex knowledge of forestry in tropical and subtropical regions. It enables students to specialise in natural forest management, conservation and restoration as well as in forest plantation management, agroforestry and land rehabilitation within the nexus of tropical forestry. A further asset is the qualification in urban forestry. Nevertheless, the profiles are open and modules can be combined individually. Obligatory, the field work for the Master research is conducted on a latest research question in a country of the Global South.
- The Master's course comprises a total of 16 interdisciplinary modules, of which are 8 obligatory. They are conducted with lectures, seminars, exercises, discussions, practicals, excursions and independent studies. In order to design her/his professional profile the student selects four out of eight other modules.

**Course focus** Altogether the two-year course comprises 120 credits (ECTS), structured in three semesters for attendance studies (12 modules) and one semester for field work, elaboration and defence of the Master's thesis.

The studies combine natural and social sciences. In the first semester theory and methodological knowledge on special forest subjects are conveyed. Modules in the **first semester** are:

- Tropical Climate and Ecology, 7 ECTS
- Forest-Related Development Policy and Culture, 9 ECTS
- Urban Forestry in the Tropics, 8 ECTS
- Forest Utilization and Product Chains, 7 ECTS, or Forest Resources Assessment, 7 ECTS

**The second semester** focuses on forest economics and organisation, complemented by silviculture and watershed management. Modules in the second semester are:

- Economics and Management of Forest Resources, 7 ECTS
- Organisation and Management Systems, 8 ECTS
- Management of Vegetation and Soil in Watersheds, 7 ECTS
- Natural Forest Silviculture and Biodiversity Conservation in the Tropics, 7 ECTS, or Forest Plantation Silviculture and Agroforestry in the Tropics, 7 ECTS

**The third semester** synthesizes the subjects of the first year in corresponding management modules. Special methodological approaches for project planning, conflict management and computer based modelling are also provided. A full research plan is elaborated from scratch to design primary data collection and analysis effectively. The modules are:

- Design and Planning of Research, 10 ECTS
- Planning at Project and Landscape Scales, 8 ECTS
- Modelling, 5 ECTS, or Communication and Conflict Management, 5 ECTS
- Natural Forest Management and Restoration in the Tropics, 7 ECTS, or Forest Plantation Management and Landscape Rehabilitation in the Tropics, 7 ECTS

**The fourth semester** comprise preparation, elaboration and defence of the Master's thesis.

**Target group** Graduates in forestry science or other related scientific disciplines (e.g., agriculture, biology, environment, and social sciences) with at least two years of work experience

**Course language** English



## Tropical Forestry

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<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Degree (B.Sc.) in forestry science or other subjects relevant to the postgraduate course</li><li>• At least two years of career experience in the field of forestry</li><li>• English certificate, minimum levels: TOEFL 550 PBT, 80 iBT points or IELTS (minimum band 6.5)</li><li>• Certificate of English as medium of instruction at former university</li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	October 2018
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	<p><b>Intake 2018 for a DAAD scholarship:</b> 30 October 2017 directly at the University.</p> <p><b>Intake 2018 for other applicants (self-financed):</b> 30 May 2018 (non EU-citizens), or 15 July 2018 (EU-citizens)</p>
<b>Remarks</b>	<ul style="list-style-type: none"><li>• The Master's course was re-accredited by ASIIN in 2014.</li><li>• Since 2006, the ERASMUS Mundus Programme Sustainable Tropical Forestry (SUTROFOR) has been integrated in the Master's course.</li><li>• A two-month German language course for DAAD students is provided from August to September.</li><li>• Application documents must be submitted in English.</li></ul>
<b>For further information contact</b>	<p>Technische Universität Dresden Fakultät Umweltwissenschaften Fachrichtung Forstwissenschaften Institut für Internationale Forst- und Holzwirtschaft P.O. Box 1117 01735 Tharandt Germany</p> <p>Phone: +49 (0)35203-3831823 Fax: +49 (0)35203-3831820 Email: <a href="mailto:tropen@forst.tu-dresden.de">tropen@forst.tu-dresden.de</a> Website: <a href="http://www.forst.tu-dresden.de/Inter">www.forst.tu-dresden.de/Inter</a> Facebook: "Tropical Forestry" additionally become friends with "Tutor Tharandt"</p>

# Agricultural Economics, Bioeconomy and Rural Development



## Justus-Liebig-Universität Giessen (Justus-Liebig-University Giessen) and Universität Hohenheim (University of Hohenheim)

**Location** Founded in 1607, Justus Liebig University Giessen is one of Germany's top research universities both rich in tradition and highly innovative. A unique feature is not only its extraordinarily broad range of subjects: JLU Giessen's 28,000 students and its ever-growing student community also substantially contribute to making Giessen the city with the highest student ratio of all university towns in Germany. This not only singles out JLU Giessen as a key player in the region: with approximately 30% international doctoral students, an international student community of around 15%, its high-profile international partnerships as well as two top-class international research facilities funded in the context of Germany's nationwide Excellence Initiative, JLU is also a very active and highly attractive networking partner worldwide.

The University of Hohenheim is located near Stuttgart in Southern Germany. It was founded in 1818 and has around 10,000 students. Combining world class research with modern teaching, the three faculties of the University —Agricultural Sciences, Economic and Social Sciences, and Natural Sciences— attract scientists and students from countries around the world. The Faculty of Agricultural Sciences is the largest such faculty in Germany and has a strong focus on development-oriented research. According to several international rankings (QS, NTU, Best Global Universities), the University of Hohenheim is ranked number one in Germany in agricultural and food sciences. With more than 200 international research collaborations, the University has an excellent network of partners worldwide. The University's campus features generously equipped research facilities, a baroque castle, and beautiful park areas.

**Course focus** This programme offers a PhD-level education in the fields of agricultural economics, bioeconomy and rural development with a focus on developing countries and economies in transition. Depending on the professional interests of the participants, the programme offers a wide range of research opportunities at the micro-, regional or macro levels as well at the interface to natural resources and the environment. The programme covers topics related to the entire agricultural sector and to rural areas and development. In view of the rising importance of the bio-based economy (bioeconomy), research opportunities are also offered in this field. Prior to the thesis research, the participants engage in a course programme of approximately four months, which is tailored to the research areas of the candidates. Courses in soft skills are also offered as part of the programme.

<b>Course focus</b>	An empirical research period in the candidate's home country is an essential component of the programme. The aim of the programme is to qualify the candidates as researchers, lecturers and practitioners, who are then capable to analyse problems and develop solutions for their home countries. The language of instruction is English, but the programme includes a German language crash course. Today, most of the former students occupy leadership positions at universities, ministries and other institutions in their home countries, where they act as multipliers of knowledge. This objective is supported by ongoing cooperation and continuing exchange activities that take place after completion of the programme in Giessen or Hohenheim.
<b>Target group</b>	Young scientists from developing and emerging countries (see DAC-List of ODA Recipients by OECD) having acquired professional experience after receiving their M.Sc. degree. Applications are invited primarily from universities and national and international research institutions for staff development, but applications from M.Sc. degree holders already employed in government, administration, consultancies, international agencies and industry are equally welcome.
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Master's degree or equivalent is required with a minimum grade of A or B (the better the grade, the higher the chances of being accepted)</li><li>• Master's exam should have been completed at least two years before applying to the programme in order to ensure that the candidate has sufficient work experience. Application is possible within 6 years after obtaining the MSc degree.</li><li>• TOEFL with a minimum of 233 CBT, 577 PBT, 90 iBT or IELTS 6.5 or equivalent is prerequisite.</li><li>• At least two years of professional experience in a relevant field.</li></ul>
<b>Degree awarded</b>	Dr. sc. agr. (Ph.D.)
<b>Course begins</b>	1 June each year
<b>Parts and duration of the course</b>	<ol style="list-style-type: none"><li>a) German language course (four months) at the University of Giessen starting in June every year.</li><li>b) Course work (four months) at Giessen or Hohenheim, involving three modules and exams selected from areas relevant to the thesis topic. Course work can be further extended by joining courses at various German universities in agricultural economics in the context of a national German PhD programme.</li><li>c) Research design (four to six months), literature review, development of theoretical foundations, conceptual framework and research design; preparation of field work.</li></ol>

- Parts and duration of the course**
- d) Field work in the home country (usually about six months). Ph.D. students will go to their home countries to
- collect empirical data for their dissertation
  - develop and expand networks and collaboration with institutions in the home country; and
  - maintain cultural links of the candidates to their home countries.
- A close collaboration between Giessen/Hohenheim and the home institution/university is an essential element of the programme. The supervisor from Giessen/Hohenheim will visit the home country of the Ph.D. student at the beginning of the field work.
- e) Analysis, Writing of Dissertation and Examination (22-24 months). After returning to the University of Giessen/Hohenheim, the participants analyse their data using advanced methods of quantitative or qualitative analysis and write their thesis. Typically, they focus on developing problems in their home countries. Special emphasis is placed on policy implications of practical relevance.
- The participants are encouraged to write journal articles based on their findings, which also enables them to pursue a cumulative thesis if this is their interest. They are also encouraged to submit papers and posters to international conferences. The dissertations are published and are therefore easily accessible to the international research community. The programme provides financial support for attendance of conferences and the publication of the thesis.
- Application deadline**
- Applications are open until November 30<sup>th</sup>, each year.
- You can apply directly at the University of Giessen or Hohenheim.
- A letter of acceptance by a supervisor from Giessen or Hohenheim University is not required for the application under this programme.
- The following documents are required for the application:
- DAAD application form (signed)
  - Motivation letter (signed)
  - C.V. and list of publications (signed)
  - Certified copies of transcript of records and certificates of higher education (B.Sc. / BA and M.Sc./ MA or equivalent degrees)
  - TOEFL or IELTS certificate
  - Research topic and research proposal (5-7 pages), which will be used to identify a supervisor at Giessen/Hohenheim University (structure of the proposal: introduction, problem statement, objectives, state of the art, study area, methods of data collection and analysis, expected results, references).
  - Two letters of recommendations, including a letter of recommendation from your employer. If it applies, the letter should indicate your employer's consent for a study leave.
- It is advisable to contact the Programme Coordinators at the University of Giessen or Hohenheim mentioned below. You can send your applications per post or per Email.

**Remarks** The selection of candidates depends on the fulfilment of the faculty entry requirements and the availability of a supervisor. Since scholarships are offered from different institutions, the conditions may sometimes vary. The Programme Office supports candidates in finding a scholarship.

Candidates are also encouraged to find a sponsor or funding organisation and scholarship through own activities. For any support in such activities, please contact the Programme Office in Giessen or Hohenheim. A list of German institutions providing scholarships can also be provided.

The final decision on the topic of the thesis is made jointly by the candidate and the supervisor. The research needs to fit into the overall research programme of the supervisor. The language of the courses and seminars as well as of publications, including the Ph.D. thesis, is English. Very good English language proficiency is a precondition for participating in the programme.

#### **Continuous cooperation**

The programme supports continuing relations with the alumni of the programme and fosters cooperation between the University of Giessen/ Hohenheim and the institutions where the alumni work. A re-invitation programme supports this collaboration.

#### **For further information contact**

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Prof. Dr. Regina Birner  
Universität Hohenheim  
Institut für Tropische Agrarwissenschaften  
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Website: [www.uni-hohenheim.de/490c](http://www.uni-hohenheim.de/490c)



## Universität Hohenheim (University of Hohenheim)

**Location** The University of Hohenheim is located about 15 km outside of Stuttgart in south-western Germany. It was founded in 1818 as an institution for agricultural teaching and research with the aim of combating hunger. Today the university has three faculties and around 10,000 students; 12 per cent of whom are international coming from more than 90 different countries. The focal point of the campus is the beautiful Hohenheim Castle surrounded by a spacious park and botanical garden. The University of Hohenheim is one of Europe's leading universities in the fields of agricultural sciences and economics.

**Course focus** The four-semester M.Sc. programme emphasises a firm foundation in economic analysis and quantitative methods to address real-world policy issues related to agriculture, food and the environment. Globalisation, sustainability, poverty, food security, food safety, agricultural policy reform and rural development are typical issues that are being analysed using innovative methodologies.

A course semester consists of five thematic modules, each ending with a written or oral exam. In addition to compulsory modules, there is a wide choice of electives. Classroom work is supplemented with computer exercises, discussion sessions, research seminars and case studies. Modules are organised and taught by Hohenheim professors who have extensive experience in international research. Students also benefit from Hohenheim's active links with academic partners worldwide. Guest speakers from partner universities as well as research, development and policy institutions cover additional topics and thus enrich the curriculum with special fields of expertise.

After three course semesters, the last six months are reserved for the M.Sc. thesis, which often involves primary data collection abroad. The thesis can pursue empirical or theoretical questions related to ongoing research projects, but students' own initiatives and ideas are also welcome.

**Target group** Outstanding students and professionals interested in international issues and pursuing a career in policy analysis related to agriculture, food, the environment and rural development.

**Course language** English

- Entry requirements**
- An above-average B.Sc. degree in agricultural sciences, economics or a related discipline following at least three years of university studies.
  - Basic understanding of micro and macroeconomics, a solid background in mathematics, statistics and computer literacy.

<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Good knowledge of the English language (If English is not the native language, a TOEFL score of no less than 90 iBT or IELTS no less than Band 6.5).</li><li>• At least two years of relevant professional experience (for DAAD scholarship applicants).</li><li>• Graduation from university should be recent, not more than six years ago (for DAAD scholarship applicants).</li><li>• Completion of an online pre-test (more information on the programme website)</li></ul>
<b>Degree awarded</b>	Master of Science in Agricultural Sciences, Major in Agricultural Economics
<b>Course begins</b>	October of each year (German language course starts in August)
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	For DAAD applicants: 01 December 2017 at the University of Hohenheim.  Otherwise: 15 March for non-EU nationals 15 July for EU nationals
<b>Remarks</b>	In addition to the official DAAD application form, candidates are required to fill out the online application which is available at <a href="http://www.uni-hohenheim.de/agecon">www.uni-hohenheim.de/agecon</a>  The application is completely done online, it is not necessary to send any documents by postal mail. More information at <a href="https://www.uni-hohenheim.de/en/agecon-scholarships">https://www.uni-hohenheim.de/en/agecon-scholarships</a>
<b>For further information contact</b>	AgEcon Programme Coordinator University of Hohenheim (300) Fruwirthstr. 16 70593 Stuttgart Germany  Phone: +49-(0)711-459-23305 Fax: +49-(0)711-459-23315 Email: <a href="mailto:agecon@uni-hohenheim.de">agecon@uni-hohenheim.de</a> Website: <a href="http://www.uni-hohenheim.de/agecon">www.uni-hohenheim.de/agecon</a>



## Georg-August-University Göttingen and Institut Pertanian Bogor (IPB – Bogor Agricultural University), Indonesia

### Location

Founded in 1737, Georg-August-Universität Göttingen (GAUG) is a research university of international renown with a strong focus in research-led teaching. The University is distinguished by the rich diversity of its subject spectrum particularly in the humanities, its excellent facilities for the pursuit of scientific research, and the outstanding quality of the areas that define its profile. Forty-five Nobel laureates have been closely connected to the University, 13 of them explicitly honoured for research work in Göttingen.

GAUG comprises 13 faculties including Agricultural Sciences, 3,246 scientists including 411 professors, over 30,000 students from 133 countries, and modern library facilities with more than four million volumes and subscriptions to about 14,000 scientific journals.

Founded in 1941 as the Faculty of Agricultural Sciences of the University of Indonesia, the Institut Pertanian Bogor (IPB – Bogor Agricultural University) became an independent entity separate from the University of Indonesia in 1963. The IPB is internationally recognised as the leading agricultural research and teaching institution in Indonesia. It is situated in the city of Bogor, roughly 50 km south of Jakarta. With 35,000 students in nine faculties, the IPB's official mission is "To become a leading research-based university in the world with the major competence in tropical agriculture, biosciences, and possessing entrepreneurial characteristics". The professors in the Department of Agribusiness at IPB include graduates of North Carolina State University and Kentucky State University in the U.S., La Trobe University, the University of Sydney and the University of New England in Australia, as well as the University of Göttingen and the IPB itself.

The Faculty of Agriculture in Göttingen and the IPB have been cooperating in teaching and research since the 1990s. Since 2011, they have been exchanging students and developing a common curriculum for the postgraduate course in International Agribusiness and Rural Development (IARD).

The programme speakers are Prof. Dr. Stephan von Cramon-Taubadel, Department of Agricultural Economics and Rural Development (on behalf of the Faculty of Agricultural Sciences, University of Göttingen) and Prof. Dr. Suharno (on behalf of the IPB).



<b>Course focus</b>	<p>The core study programme consists of modules covering international agricultural economics, agricultural and rural development policy as well as business administration, management and agribusiness marketing, development economics and rural sociology.</p> <p>Strong emphasis is placed on acquiring methodological research skills in the fields of econometrics, marketing and social sciences. The programme further offers a number of optional modules in agricultural technology, agronomy and animal production. Modules also include seminars, computer-aided exercises, and teamwork to enhance students' presentation, communication and team-building skills. The programme also offers excursions to agribusiness enterprises, international fair trades, and governmental, non-governmental and international organizations.</p> <p>During the three teaching semesters, students are expected to attend a total of 15-17 modules; the last semester is dedicated to field research and writing the Master's thesis.</p> <p>All students start each year in September in Bogor and complete two semesters there. They then move to Göttingen, where they complete their third semester of coursework, and their fourth (thesis) semester.</p>
<b>Target group</b>	<p>Highly qualified students who wish to pursue a career in international agribusiness in the private or public sector, in research, or in non-governmental organisations in the agribusiness sector. Successful applicants are expected to have an excellent grade average in their undergraduate degree (B.Sc. or Diploma) and a good working knowledge of English. Basic knowledge of Bahasa Indonesia is an asset.</p>
<b>Course language</b>	<p>English. Bahasa Indonesia is an asset in Bogor.</p>
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• B.Sc. Degree (or equivalent) in agricultural sciences, business administration, economics, social sciences, forestry, veterinary sciences, or food and nutrition sciences. Successful applicants will have a good to excellent grade average.</li><li>• Professional experience of at least two years in a field related to the course focus (for DAAD scholarship).</li><li>• The last academic degree should preferably not be older than 6 years.</li><li>• Very good command of English: TOEFL (550 PBT, 80iBT) or IELTS (Band 6.0)</li></ul> <p>Detailed information is available at <a href="http://www.iard.uni-goettingen.de">www.iard.uni-goettingen.de</a></p>
<b>Degree awarded</b>	<p>Master (M.Sc.) in Agricultural Sciences with specialisation in Agribusiness and Rural Development</p>

<b>Course begins</b>	September in Bogor, Indonesia
<b>Course duration</b>	24 months (four semesters)
<b>Duration of German language course prior to beginning of programme</b>	Scholarship holders take an intensive German language course in Göttingen in August/September (months 12 and 13 of the program) prior to beginning the third semester in October.
<b>Application deadline</b>	1 April at the University of Göttingen or Bogor Agricultural University in Indonesia (addresses below).
<b>Remarks</b>	<p>DAAD scholarships are only available for students who are nationals of countries in Southeast Asia (Brunei, Cambodia, East Timor, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam).</p> <p>In addition to the official DAAD application form, candidates for DAAD scholarships are required to submit a special course application form, which is available on our homepage.</p> <p>Currently, there is no tuition fee for scholarship holders other than the administrative fees (a single payment of approx. EUR 425 in Bogor and approx. EUR 290 in Göttingen at the beginning of each semester)</p>
<b>For further information contact</b>	<p>The Coordinator of the M.Sc. Program International Agribusiness &amp; Rural Development (IARD) Prof. Dr. Stephan von Cramon-Taubadel Department of Agricultural Economics and Rural Development Platz der Göttinger Sieben 5 37073 Göttingen / Germany</p> <p>Phone: +49-(0)5 51-39-228 72 Fax: +49-(0)5 51-39-98 66 Email: iard@gwdg.de</p> <p>or:</p> <p>Master in International Agribusiness and Rural Development Institut Pertanian Bogor Dr. Suharno Department of Agribusiness Faculty of Economics and Management Kampus IPB Darmaga-Bogor Jalan Kamper, Wing 4, Level 5 Bogor 16680 / Indonesia</p> <p>Phone: +62-251 862 6602 Fax: +62-251 862 6631 Email: suharno@ipb.ac.id / shn.hars@gmail.com</p>



## Georg-August-Universität Göttingen (University of Göttingen)

- Location** The Georg-August-Universität Göttingen was established in 1737. It is an internationally accredited research university and part of a worldwide network of science and learning. More than 40 Nobel laureates are associated with Göttingen. The university offers courses in a broad range of disciplines including philosophy, economics, agriculture, biology and geography and is among the top universities in Germany.
- The city of Göttingen is situated in the geographical centre of Germany and is surrounded by a scenic landscape. The Georg-August-Universität Göttingen with more than 30,000 students is an integral part of the city and contributes considerably to the young, lively atmosphere of the town. Göttingen has excellent intercity transport; within two hours you can be in Berlin, Hamburg or Frankfurt.
- Course focus** The M.Sc. course Tropical and International Forestry provides advanced study in management and conservation of tropical and subtropical forests. It especially focuses on the ecologically and economically sound management of forest resources and tree-based land use systems. The targeted ecosystems and management systems include natural forests under full protection, close to nature forestry, plantation forestry, agroforestry systems and trees outside the forest.
- The programme is for students interested in pursuing an international career in forestry, nature conservation, ecosystem research or rural development.
- The M.Sc. course is a two-year programme with a modular structure. The first two semesters consist of lectures and course work. The modules address topics such as Tropical Silviculture and Forest Ecology, Tropical Soil Science, Forest Resources Assessment, Bioclimatology, International Forest Policy and Economy, and Project Planning and Evaluation. Elective modules can be chosen either from the Faculty of Forest Sciences or from other faculties and Master's courses, such as Agribusiness or Biodiversity and Ecology. This helps students to specialise and develop an individual profile.
- In the third semester a students' project is conducted, which includes field studies abroad and uses an interdisciplinary approach. The fourth semester consists of the preparation of the Master's thesis, which is based on students' own supervised research.
- Target group** Graduates in forestry or other related disciplines (e.g. agriculture, biology); at least two years of career experience are needed for a successful application for a DAAD scholarship.

## Tropical and International Forestry

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<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Degree (B.Sc.) in forestry or other subjects relevant to the postgraduate course</li><li>• English: TOEFL (550 PBT , 215 CBT, 80 iBT) or IELTS (Band 6) – certificate</li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	October 2018
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	For DAAD scholarships: 15 October 2017 at the University of Göttingen;  Otherwise: 15 March 2018 for non-EU citizens.
<b>Remarks</b>	The Master's course is fully accredited and has received high evaluation scores from its former students.  A two-month German language course begins in early August.  Applications must be submitted in English.
<b>For further information contact</b>	For more information about the Master's course Tropical International Forestry, please visit our website: <b><a href="http://www.uni-goettingen.de/tif">www.uni-goettingen.de/tif</a></b> or contact:  Prof. Dr. Ralph Mitlöhner Büsgenweg 1, 37077 Göttingen Germany  Phone: +49-(0)551-3933657 Email: <a href="mailto:rmitloe@uni-goettingen.de">rmitloe@uni-goettingen.de</a> or the student tutor: <a href="mailto:tiftut@uni-goettingen.de">tiftut@uni-goettingen.de</a>  For more information about the Faculty of Forest Science and Forest Ecology: <b><a href="http://www.forst.uni-goettingen.de">www.forst.uni-goettingen.de</a></b> For more information about the University of Göttingen: <b><a href="http://www.uni-goettingen.de">www.uni-goettingen.de</a></b>



## **Leibniz Universität Hannover (Leibniz University of Hannover)**

- Location** Hannover is the capital and largest city of Lower Saxony, a federal state in northern Germany. With parks and its world famous baroque garden, an adventure zoo and a big lake, it is a city of high recreational value, which also offers numerous cultural events. Students appreciate Hannover's short distances and even topography for bike-riding. At the same time the city is host to several of the biggest commercial exhibitions in the world, among them the world's largest IT and agricultural technology fairs. The heart of Leibniz Universität Hannover, founded in 1831, beats in the idyllic Welfenschloss, the Guelph Palace. Over 20,000 students and more than 2,300 academics and scientists study and work here.
- Course focus** Worldwide economic growth increasing the pressure on natural resources coincides with rapid population growth, which requires intensified food production. Sustainable development calls for new scientific knowledge and technologies that can be transferred to producers around the world. Horticulture, being one of the most intensive forms of land use, can meet this challenge by preparing its future professionals with the necessary expertise.
- The Master of Science in International Horticulture (abbr. "M.Sc. International Horticulture") focuses on training young professionals in new technologies such as biotechnology, numerous subjects involving new laboratory skills, and the planning and execution of surveys in the economic specialisation, which often comprise fieldwork in developing countries.
- Modern facilities and specialisation**  
To obtain highest performance, the Institutes of the Natural Science Faculty and the School of Economics and Management offer the following specialisations in three majors
- 1) Plant Production and Propagation
  - 2) Plant Biotechnology, Physiology and Genetics
  - 3) Economics
- in combination with modern research facilities.
- Course structure**  
Course duration is four semesters or two academic years in which students complete a research project for their Master's thesis. The thesis, which counts as 50% of the final grade, should achieve a scientific level that permits the results to be published in an international peer reviewed journal. Parallel to this, students must successfully complete courses equivalent to 60 ECTS credit points. The total number of available courses is 40.

<b>Course focus</b>	<p><b>Supervision and Integration</b></p> <p>A supervisory committee consisting of three academics is formed for every M.Sc. student. The supervisory committee holds three colloquia with each student. Subjects of the colloquia are the concept, the progress and the results of the research project.</p> <p>Each student in the Master's programme is assigned a workspace in the institute in which the research is carried out. Thus students will be easily familiarised with their subject. The permanent contact with staff members will also help students adapt to the German way of life.</p>
<b>Target group</b>	Young professionals in the field of horticulture, agriculture, biology or related subjects including horticultural and agricultural economics
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"> <li>• B.Sc. (of four years) in horticulture, agriculture, biology or related subjects</li> <li>• English certificate: TOEFL (80 iBT) or IELTS (Band 6.0)</li> <li>• At least two years of professional experience for DAAD scholarship applicants</li> </ul>
<b>Degree awarded</b>	Master of Science in International Horticulture (M.Sc.)
<b>Course begins</b>	Beginning of October every year
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	<p>For DAAD scholarship:</p> <p>1 October 2017 at Leibniz Universität</p> <p>1 May 2018 for students with other financial sources.</p> <p>Please submit completed application documents (DAAD and M.Sc. International Horticulture forms available at <a href="http://www.hort.uni-hannover.de/">www.hort.uni-hannover.de/</a>) to the M.Sc. office directly. This DAAD programme does not require prior contact with a supervisor of the M.Sc. programme or a letter of admission.</p>

**Remarks** Our students benefit from an outstanding support system including logistic and administrative support. You will be integrated into the research groups of our institutes from the very beginning of your stay. We aim at tutoring every student individually throughout the two years at our institution. Our contact to outgoing students is very close, and we maintain our active alumni network, which has over 320 members. In addition, we offer various cultural and professional events to students and alumni regularly.

The M.Sc. in International Horticulture has a 20-year long tradition of training in mixed classes of German and international students. Lecturers with extensive research and training experience in English and German will provide high-level classroom and laboratory instruction. A mix of junior and senior scientists with a large international network offers our students the opportunity to assist in high quality research groups.

To gain practical experience a four-week internship is offered to our students during the course. For DAAD scholars: A two-month intensive German course will take place in August and September.

The M.Sc. in International Horticulture programme is accredited by ZEvA in accordance with international standards.

**For further  
information contact**

Leibniz Universität Hannover  
Master of Science in International Horticulture  
Admission Office  
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Website: [www.hort.uni-hannover.de/](http://www.hort.uni-hannover.de/)

# Geography of Environmental Risks and Human Security



## University of Bonn, Department of Geography & United Nations Institute for Environment and Human Security (UNU-EHS)

<b>Location</b>	Bonn, Germany
<b>Course focus</b>	<p>The Master's programme content addresses theoretical and methodological debates in geography to better understand the complex emergence of environmental risks and natural hazards and their implications for human-nature relations (vulnerability, resilience, adaptation) and how to deal with them in practice. Jointly organized by the Department of Geography and the United Nations University in Bonn, it provides a unique combination of advanced conceptual and applied engagements with the field of environmental risks and human security in an international context.</p> <p>Fields of study include:</p> <ul style="list-style-type: none"><li>• Geographical approaches to risk, vulnerability and resilience</li><li>• New approaches to development geography</li><li>• Earth system science.</li><li>• Qualitative &amp; Quantitative Methods, as well as GIS &amp; Remote Sensing</li><li>• Social-ecological systems, Risk &amp; Technology.</li><li>• Risk management and governance, forecast &amp; prediction.</li><li>• Disaster management, disaster risk reduction (DRR) and humanitarian response.</li></ul>
<b>Target group</b>	Students with a Bachelor degree in geography or a related discipline (e.g. Anthropology, Environmental Sciences, International Relations, Development Studies) with a specific interest in theoretical as well as applied debates in the field of environmental risk management, with an empirical focus on development contexts.
<b>Course language</b>	English
<b>Entry requirements</b>	<p>The students must have obtained a first degree (Bachelor) in a higher education programme in Geography or a related discipline in which they gained at least 100 ECTS within 3 of the following 4 study areas:</p> <ul style="list-style-type: none"><li>• Physical Geography, Geosciences and Environmental Sciences</li><li>• Human Geography and Social Sciences (with a preferred focus on development contexts)</li><li>• Methodology and empirical research methods</li><li>• Spatial planning and policy</li></ul>
<b>Degree awarded</b>	Master of Science
<b>Course begins</b>	October 2018



<b>Course duration</b>	2 years (4 semesters)
<b>Duration of German language course prior to beginning of programme</b>	2 months
<b>Application deadline</b>	15th January 2018 (Online application only, further details about the components of the application can be found online)
<b>Remarks</b>	The international MSc-Programme is taught equally by members of staff from the department of geography at the University of Bonn and researchers from the Institute for Environment and Human Security at the United Nations University. Fields of expertise include Vulnerability Assessment, Ecosystem Services, Sustainable Development, Disaster Management, Climate Change Adaptation, Human-Nature Relationships, Science & Technology Studies, Development Geography, Geomorphology, Socio-Hydrology, Future Studies, GIS and Remote Sensing. The Programme consists of eleven modules of which nine are taught in the first three semesters, followed by a compulsory internship and the independent work on the Master-Thesis.
<b>For further information contact</b>	United Nations University –Institute for Environment and Human Security (UNU-EHS) UN Campus Platz der Vereinten Nationen 1 53113 Bonn Germany  Department of Geography, Rheinische Friedrich –Wilhelms-Universität Bonn Meckenheimer Allee 166 53115 Bonn Germany  Email: <a href="mailto:master-georisk@ehs.unu.edu">master-georisk@ehs.unu.edu</a> Phone: +49-(0)228-815-0212  Course websites: <a href="http://ehs.unu.edu/education/masters">http://ehs.unu.edu/education/masters</a>  <a href="http://www.geographie.uni-bonn.de/studium/im-studium/studiengaenge/master/m.sc.-geography-of-environmental-risks-and-human-security">www.geographie.uni-bonn.de/studium/im-studium/studiengaenge/master/m.sc.-geography-of-environmental-risks-and-human-security</a>

# International Studies in Aquatic Tropical Ecology – ISATEC



## Universität Bremen (University of Bremen)

<b>Location</b>	Bremen is a medium-sized town in Northern Germany with long-standing international trade traditions. The town has developed into one of the major centres of science in Germany. Besides three universities, it hosts major research institutes, three of which are contributing to the ISATEC programme. The University of Bremen has implemented several international M.Sc. programmes. Special events and activities (e.g. language classes, cultural programmes, an international office, student partnerships) are specifically designed to support international students.
<b>Course focus</b>	<p>ISATEC aims at the joint education and specialisation of German and foreign postgraduate students in the field of tropical aquatic ecology, including theoretical and applied ecology, with emphasis on concepts and methodologies for the sustainable utilisation and conservation of tropical aquatic ecosystems. Thus, fisheries biology, aquaculture sciences as well as ecological economics and social sciences relevant to coastal planning and management are major parts of the programme. The education in multicultural groups, the solution of conflicts, as well as the realisation of the benefits of diverse backgrounds, will further qualify graduates for working in international teams.</p> <p>During the third term, students will apply this acquired knowledge while carrying out research projects at one of the tropical partner institutions/universities to collect data for their M.Sc. thesis.</p>
<b>Target group</b>	Graduates with a strong interest in tropical ecology and the management of natural resources, desiring to work on applied issues, possibly in international multidisciplinary teams on a local, international or global level.
<b>Course language</b>	English
<b>Entry requirements</b>	<p>Prerequisites for foreign and German students are:</p> <ul style="list-style-type: none"><li>• The academic degree “Bachelor of Science” in biological or environmental sciences,</li><li>• Proficiency in English (level C1, Common European Framework of Reference for Languages) for non-native speakers,</li><li>• For DAAD scholarship applicants: at least two years of professional experience</li></ul>

<b>Entry requirements</b>	<p>DAAD scholarship applications must include a letter of motivation, a detailed curriculum vitae, two letters of recommendation, employment certificates and a DAAD application form which can be found on our webpage at: <a href="http://www.uni-bremen.de/isatec">http://www.uni-bremen.de/isatec</a></p> <p>Applications are carried out via an online application system at: <a href="https://movein-uni-bremen.moveonnet.eu/movein/portal/studyportal.php">https://movein-uni-bremen.moveonnet.eu/movein/portal/studyportal.php</a></p>
<b>Degree awarded</b>	Master of Science in Aquatic Tropical Ecology
<b>Course begins</b>	October 2018
<b>Course duration</b>	24 months (four terms)
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	<p>For DAAD scholarship: 15 October 2017 at the University of Bremen.</p> <p>For applicants with own financial resources: 30 April 2018 at the University of Bremen.</p> <p>Applications are carried out via an online application system at: <a href="https://movein-uni-bremen.moveonnet.eu/movein/portal/studyportal.php">https://movein-uni-bremen.moveonnet.eu/movein/portal/studyportal.php</a></p>
<b>Remarks</b>	<p>Individual support of our students is one of our major concerns. Each student has a scientific mentor throughout the year of the elaboration of the Master's thesis. Furthermore, a tutor offers help with orientation on campus and in everyday matters, sets up spare time activities to integrate all group members, introduces local culture and provides counselling to all ISATEC students. Advanced students will further help newcomers with the preparation for the term abroad and the fieldwork.</p> <p>Students are invited to join the low-cost, extensive social and sport activities of the University of Bremen.</p> <p>ISATEC continues the long tradition of training in aquatic ecology at the University of Bremen in collaboration with the Leibniz Centre for Tropical Marine Research (ZMT), which is the central German institution co-ordinating German research and collaboration in the tropics. Lecturers with long years of working and teaching experience in tropical countries are complemented by scientists from the Alfred Wegener Institute for Polar and Marine Research (AWI), the Max Planck Institute for Marine Microbiology (MPI) and other German universities.</p>

**Remarks** Currently, there are no tuition fees for this course other than the standard enrolment fees at the beginning of each semester (approx. 300 EUR ≈ 320 US\$).

**For further information contact** University of Bremen  
FB 02 / ISATEC  
Leobener Str. / NW 2  
28359 Bremen  
Germany  
Email: [isatec@uni-bremen.de](mailto:isatec@uni-bremen.de)  
Website: [www.isatec.uni-bremen.de](http://www.isatec.uni-bremen.de)



## Albert-Ludwigs-Universität Freiburg (Albert-Ludwig University, Freiburg)

### Location Freiburg “Green City”

Freiburg earned this name and reputation due to its high environmental standards, innovative research and development, and its general attitude toward the environment. With extensive use of solar energy and other renewable sources, the city attracts researchers and environmental organizations from around the world. But Freiburg is green not only because of its policies and politics. No other city of comparable size (220,000 inhabitants) has such a diversity of landscapes, ranging from the mountains of the Black Forest to Mediterranean-type vegetation in the Rhine valley. One of Germany’s most beautiful cities, Freiburg is a traditional, yet also youthful and dynamic University town. It’s location near the French and Swiss border makes it a great base for exploring Europe.

### Course focus

Sustainable development and accordingly sustainability in the manifold relationships between humans and the environment have become integral rules of conduct in politics and society. This is also true in economics, where for many companies a commitment to the principles of sustainability has become a central strategic competitive advantage. One of the major challenges to the implementation of the overall concept of sustainable development concerns effective governance processes between various stakeholders

The M.Sc. Programme ‘Environmental Governance’ (MEG) addresses this special need. Since its establishment in 2005, it has been training academics in the broader field of Environmental Governance, understood as new modes of social co-ordination among market, state and civil society actors. With that, the MEG aims to fill the gap between technically oriented environmental management programs and purely disciplinary environmental politics programs. MEG is exceptional in its highly interdisciplinary approach: at its core it is social-scientific, but it provides students with basic ‘scientific literacy’ in the more technical aspects of pressing environmental challenges.

The MEG program is designed as a two-year (4 semesters), full-time program (120 ECTS). Teaching is organized in three-week block modules, comprising core and elective modules aiming at:

- **Realizing** – The development of a sound knowledge base of the most pressing environmental issues facing the planet and their underlying societal causes;
- **Understanding** – The reflection on human-environment interactions from a wide spectrum of disciplines, approaches and world-views;

<b>Course focus</b>	<ul style="list-style-type: none"> <li>• <b>Managing</b> – The provision of methodological knowledge and skills for the context-sensitive design and management of environmental governance processes.</li> </ul> <p>The programme does not limit itself to a special regional context but focuses on environmental governance processes in a representative, worldwide perspective from local to international level.</p>
<b>Target group</b>	<p>The program targets students from various disciplines who aspire to become leaders in the complex field of sustainable development i.e. ‘Sustainability Designers’ with innovative ideas about environmental governance arrangements which go beyond the traditional functional, structural and territorial boundaries; and ‘Sustainability Managers’ who embrace and understand these ideas, and are capable of finding ways to implement them in a context-sensitive manner. Practitioners and students with a background in engineering or the natural sciences are welcome. However, they have to show high motivation and willingness to concentrate mainly on social science theories and concepts during their two years of study.</p>
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"> <li>• B.Sc. degree or equivalent awarded with a grade well above average in political sciences, sociology, law, economics, ethnology, international cooperation, development studies, nature conservation, environmental management, land use planning, natural resource management, agricultural or forest science, geography or other related fields</li> <li>• At least two years’ relevant professional experience</li> <li>• English language skills: TOEFL (100 iBT) or IELTS (Band 7.0)</li> </ul>
<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	Beginning of October every year
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)

<b>Application deadline</b>	<p>15 October 2017 at the University of Freiburg (MEG Programme).</p> <p>It is sufficient to send a single copy of your completed application documents.</p> <p>In addition to the official DAAD scholarship application form, candidates must also submit the application form and application documents required by the MEG Programme, which can be downloaded at <a href="http://www.meg.uni-freiburg.de">www.meg.uni-freiburg.de</a>. These include:</p> <ul style="list-style-type: none"><li>• MEG-application form,</li><li>• previous degree certificates and education transcripts, from high school and university (officially authenticated copies),</li><li>• a curriculum vitae (signed and dated),</li><li>• a motivation letter explaining why you have chosen the Master's programme (Please follow the guidelines at <a href="http://www.meg.uni-freiburg.de">www.meg.uni-freiburg.de</a>),</li><li>• two letters of recommendation, one academic and one professional (your referees must use the MEG forms available at <a href="http://www.meg.uni-freiburg.de">www.meg.uni-freiburg.de</a>),</li><li>• English language certificate: TOEFL (100 iBT) or IELTS (Band 7.0).</li></ul> <p>Please note that for M.Sc. candidates the DAAD does not require proof of contact with a supervisor of the MEG programme or a letter of admission /eligibility to the MEG programme. The MEG application form is sufficient.</p>
<b>Remarks</b>	<p>An internship of seven weeks is required during the course.</p> <p>The programme is accredited by ACQUIN in accordance with international standards.</p>
<b>For further information contact</b>	<p>Esther Muschelknautz, Dean's Office, Faculty of Environment and Natural Resources Albert-Ludwig University, Freiburg Tennenbacher Straße 4 D-79106 Freiburg Germany</p> <p>Tel.: +49-(0)761-203-3607 Fax: +49-(0)761-203-3600 Email: <a href="mailto:esther.muschelknautz@unr.uni-freiburg.de">esther.muschelknautz@unr.uni-freiburg.de</a> Website: <a href="http://www.meg.uni-freiburg.de">www.meg.uni-freiburg.de</a></p>



## Ernst-Moritz-Arndt-Universität Greifswald (Ernst-Moritz-Arndt-University of Greifswald)

### Location

Greifswald is a town of 55,000 inhabitants located right on the Baltic Sea, not far from the German capital Berlin. Founded in 1456, Greifswald University is one of the oldest universities in Germany. Today approximately 11,000 students are studying here with close contact to their professors. The medieval town offers a lively atmosphere with a diverse cultural life that ensures productive and enjoyable studies. With regard to its academic life it has been said that there are towns all over the world which have a university, but in Greifswald a university has a town.

### Course focus

LENC is designed to enable students from all over the world to understand and assess landscapes and their functioning, to identify and evaluate changes and potentials of ecosystems, and, finally, to develop sustainable land use concepts. The multidisciplinary and innovative approach of the 'Greifswald School' provides a unique basis for addressing the global environmental challenges of today and tomorrow. Students will be qualified for careers in international administration and organisations, research institutes and private companies.

Individual mentoring in professional and private issues, tutorials as well as active support for integration with other German as well as international students are provided for scholarship holders. The active alumni network "ANESCO" supports the integration of LENC alumni into an international experts network.

The curriculum imparts theoretical knowledge as well as practical experience. LENC offers mandatory modules (30 credits), elective modules (at least 10 electives have to be studied = 60 credits) and a Master module (30 credits).

- 1) Mandatory modules: Landscape ecology and economics, Ethics and Environment, International Excursion, Research internship, Personal Profiling
- 2) Elective modules: Cost Benefit Analysis, Economic Valuation of Natural Resources, Peatland utilization, Botanical Species Conservation 1 & 2, Conservation Genetics of Plants 1 & 2, Experimental Plant Ecology 1 & 2, Ornithology 1 & 2, Animal Conservation & Ecology 1 & 2, Vegetation Ecology 1 & 2, General and Applied Aquatic Ecology, Aquatic Ecology – Summer course, Conservation and Behaviour 1 & 2, Conservation Genetics 1 & 2, Biology of Reproduction in Animals 1 & 2, Plant Stress Physiology, Climate Change, Dendrochronology, Environmental Hydrogeology, Facies Analysis of Glacial Deposits, Restoration Ecology, Mire ecology and Regionality, Quaternary Palaeoecology, Peatlands and Palaeoecology, Ecology & Protection of Ecosystems in the Southern Hemisphere & the Tropics, Geographical Information Systems 2, Advanced Field Skills, Modern Languages, Internship



<b>Target group</b>	LENC addresses graduates with a strong interest in ecology and sustainable management of natural resources, especially young professionals with working experience in organisations, research institutes, administration or companies dealing with conservation, ecosystem management and sustainable land use.
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Bachelor of Sciences or a comparable degree in an environmental-related discipline</li><li>• Very good English communication skills: e.g., IELTS (minimum score: Band 6.0) or TOEFL (minimum score: 550 paper based, 213 computer based, 80 internet based)</li><li>• For DAAD scholarship applicants: at least two years of professional work experience</li></ul> <p>Applications of DAAD scholarship applicants as well as of all other applicants must be sent via email to the LENC coordination office at Greifswald University (see contact address below). Applicants are requested to follow the instructions on the LENC webpage</p> <p><a href="https://biologie.uni-greifswald.de/en/teaching/study-courses-leading-to-a-master-of-science-degree/msc-landscape-ecology-and-nature-conservation/">https://biologie.uni-greifswald.de/en/teaching/study-courses-leading-to-a-master-of-science-degree/msc-landscape-ecology-and-nature-conservation/</a></p>
<b>Degree awarded</b>	Master of Landscape Ecology and Nature Conservation (M.Sc.)
<b>Course begins</b>	Beginning of October every year
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months
<b>Application deadline</b>	<ul style="list-style-type: none"><li>• For DAAD scholarship applicants: 15 December 2017</li><li>• For self-financed applicants: 01 April 2018</li></ul>
<b>For further information contact</b>	LENC Coordination Office Institute of Botany and Landscape Ecology Soldmannstr. 15 17489 Greifswald Germany  Phone: +49-(0)3834-86-4112 Fax: +49-(0)3834-86-4114 Email: <a href="mailto:tiemo@uni-greifswald.de">tiemo@uni-greifswald.de</a> Website: <a href="https://botanik.uni-greifswald.de/en/">https://botanik.uni-greifswald.de/en/</a>



**Technische Hochschule Köln (TH Köln – University of Applied Sciences), Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)**

**Location** With over 23,000 students in 11 faculties, TH Köln is the largest institution of its kind in Germany. Due to its spectrum of research and wide range of high quality courses, TH Köln is a popular cooperation partner, maintaining numerous contacts with universities worldwide. Over 3,500 foreign students of 93 nationalities are studying at TH Köln. Cologne is a city of trade fairs and media, has international flair and offers a variety of cultural activities.

**Course focus** ITT offers 3 separate master programs:

- Natural Resources Management and Development (NRM)
- Integrated Water Resources Management (IWRM)
- Renewable Energy Management (REM)

The study programs offer a market-oriented specialisation and orientation. The profiles of graduates are formulated according to competency and based on the requirements of potential employers.

Global population, economic growth and ongoing environmental deterioration put increasing pressure on renewable resources such as food, material, water and energy. The master programs aim at educating professionals with lateral understanding and transdisciplinary approaches for sustainable development. Based on a systemic understanding of productive, consumptive and regulative functions of socio-ecological systems and the differing and competing value systems of relevant stakeholders, MSc graduates develop and provide solutions. Those solutions are based on an integrated managerial perspective, referring to the relevant legal frameworks, negotiating with stakeholders and applying consistently different mechanisms of resources allocation.

**Content**

**Core Modules:**

Management of Natural Resources Systems, Natural Resources Economics and Governance, Project and Business Management, International Cooperation and Development, 3 project-based learning modules (Project I, II, III)

**Modules of the program catalogues NRM:**

Land Use Systems and the Environment, Public Services and Housing Provision, Ecosystems Services and Conservation, Food Security, Ecological and Social Risks and their Management, Eco-Balancing and Decision-Support Systems, Agricultural Economics, Urban, Regional and Community-Based Management, Resources Efficient Buildings and Quarters, Soil and Water

**Course focus**

**Modules of the program catalogues IWRM:**

Principles of Water Resources Management, Hydrology, Water Economics and Governance, Watershed Management, Water Supply and Demand, Sanitation and Health, River Engineering, Water Scarcity and Drought, Flood Risk Management, Water System Analysis, Water and Agriculture

**Modules of the program catalogues REM:**

Principles of Renewable Energy Management and Systems, Solar Energy, Wind Energy, Bio-Energy, Hydro, Geothermal and New Energy Systems, Energy Policy and Legislation, Energy Markets and Economics, Energy Efficiency and Renewable Heating/Cooling Markets, Energy Management, Rural Electrification, Grids and Energy Storage

**Elective Modules “Methods and Tools”:**

Scientific Work and Research Design, Basics of GIS and Remote Sensing, Applied Statistics, Empirical Social Research Methods, Economic Evaluation Methods, Environmental Assessment Tools, Environmental Monitoring

In addition to core modules, each student has to choose a minimum of five modules from the own program catalogue (NRM, IWRM or REM), two elective modules from the catalogues “Methods and Tools” and three elective modules from any module catalogue, including the catalogues of the adjoining master programs.

Targeted employers are private sector companies and service providers, public institutions in countries of the global South (ministries, public sector service providers, planning institutions), businesses and institutions of international cooperation (research, technical and economic cooperation programs) with a high international mindset working in the field of natural resources, water resources and renewable energy management, project implementation and evaluation as well as consulting.

**Target group**

The master programs are designed for young professionals of various academic backgrounds: engineers, natural scientists and social scientists, who hold at least a bachelor's degree and have professional experience relevant to one of the three master programs. Fluent English is required; basic German language skills are strongly recommended. Applicants should enjoy intercultural engagement, be motivated to cooperate interdisciplinarily and across traditional industrial sectors.

**Course language**

English

**Entry requirements**

- B.Sc. degree (minimum grade of 3.0 according to the German system) or equivalent in engineering, natural sciences, geosciences, agriculture, forestry, political sciences, architecture or informatics. In individual cases it is possible that graduates of other faculties can also be admitted. The examination board of the ITT reserves the right to decide on such cases.
- 2 years of professional experience (scholarship requirement)

Natural Resources Management and Development (NRM) /  
Integrated Water Resources Management (IWRM) /  
Renewable Energy Management (REM) (formerly known as TERMA)

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<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• English proficiency – TOEFL (550 PBT / 213 CBT/ 79–80 IBT); IELTS 6.0, Cambridge First (FCE) certificate; UNICert: Stufe III</li><li>• Motivation letter (1 page in English)</li><li>• Research idea (2 pages in English)</li><li>• It is highly recommended that applicants for a DAAD scholarship show basic German language skills (A1/A2 level)</li><li>• Chinese applicants are required to submit an APS Certificate</li><li>• for further information consult: <a href="http://www.rem-master.info/">www.rem-master.info/</a>; <a href="http://www.iwrm-master.info/">www.iwrm-master.info/</a>; <a href="http://www.nrm-master.info/">www.nrm-master.info/</a></li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.)
<b>Course begins</b>	Winter term (September)
<b>Course duration</b>	24 months
<b>Duration of German language course prior to beginning of programme</b>	2 months (for students awarded a DAAD scholarship)
<b>Application deadline</b>	Applicants applying for a DAAD scholarship: 30 September of the previous year at ITT (see address below) Application procedure for regular foreign students: 31 March at UNI-ASSIST ( <a href="http://www.uni-assist.de">www.uni-assist.de</a> )
<b>Remarks</b>	<ul style="list-style-type: none"><li>• A preliminary German course for DAAD scholarship holders begins in July.</li><li>• Field research abroad for a period of about three months forms part of the master's thesis.</li><li>• Applications must be submitted in English.</li><li>• ITT will assist in finding accommodation for scholarship holders in Cologne.</li><li>• Accommodation for students' families cannot be arranged.</li></ul>
<b>For further information contact</b>	Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) Ricarda Bruder Pedroso Betzdorfer Straße 2 50679 Cologne, Germany Phone: +49-(0)221-8275-4148 Fax: +49-(0)221-8275-2736 Email <a href="mailto:info-nrm@itt.th-koeln.de">info-nrm@itt.th-koeln.de</a> , <a href="mailto:info-iwrm@itt.th-koeln.de">info-iwrm@itt.th-koeln.de</a> <a href="mailto:info-rem@itt.th-koeln.de">info-rem@itt.th-koeln.de</a> Website: <a href="http://www.tt.th-koeln.de">www.tt.th-koeln.de</a> , <a href="http://www.nrm-master.info">www.nrm-master.info</a> <a href="http://www.iwrm-master.info">www.iwrm-master.info</a> , <a href="http://www.rem-master.info">www.rem-master.info</a>



**Technische Hochschule Köln (TH Köln - University of Applied Sciences), Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) In Cooperation with University of Jordan (UJ), Water Energy and Environment Center (WEEC)**

**Location** TH Köln is Germany's largest University of Applied Sciences with over 23,000 students and 420 professors, and with 3,500 foreign students of 93 nationalities studying at 11 faculties. The wide range of subjects yields excellent opportunities for interdisciplinary projects and cooperations.

The ITT is an applied research and teaching institute at TH Köln with a problem oriented and stakeholder centered research strategy. Its research follows a holistic approach, which jointly considers biophysical, environmental, economic and social issues. In its research structure, the ITT integrates different disciplines and methods in adequate platforms for the analysis and development of natural resources management solutions.

The University of Jordan (UJ) was established in 1962. It is the leading and oldest institution of higher education in Jordan. Today the university has 18 academic faculties, two deanships, 11 centers and many other facilities including an excellent library. Currently, there are 35,000 students enrolled of which 5,000 students are at the graduate level. 94 graduate programmes both disciplinary and interdisciplinary with emphasis on both research and course work are offered.

The Water, Energy and Environment Center (WEEC) of UJ is an independent unit of the university which plays a leading role in developing and implementing national plans to develop and manage Jordan's water resources. It directs its activities to irrigation management, low cost wastewater treatment, reuse of treated wastewater in irrigation, water hydrology, water conservation in arid areas, water quality, water harvesting and artificial recharge.

**Course focus** Current global trends such as population and economic growth as well as climate change exert increasing pressure on water resources worldwide, which are the basis for food production, urban and industrial water supplies and hydropower. Experts are needed who understand that multiple problems of water resources management can only be addressed through a holistic approach considering both technical and socioeconomic problems of resource use and integrating sustainable development and management issues of all water-related subsectors.

**Course focus** Thus, postgraduate education related to water resources management and use is in high demand by different societies in both developed and developing countries of the world. The overall objective of the master program is to educate professionals in the field of Integrated Water Resources Management who can work in companies and institutions active in the field of water resources management, in particular in an international context with a focus on regions in North Africa and Middle East, where water challenges are particularly high.

### **Content**

#### **Core Modules:**

Management of Natural Resources Systems, Natural Resources Economics and Governance, Project and Business Management, International Cooperation and Development, Project I, Project II, Project III, Scientific Work and Research Design

#### **Modules from the catalogue “Integrated Water Resources Management IWRM”:**

Principles of Water Resources Management, Hydrology, Water Economics and Governance, Watershed Management, Water Supply and Demand, Sanitation and Health, River Engineering, Water Scarcity and Drought, Flood Risk Management, Water System Analysis, Water and Agriculture

#### **Elective Modules “Methods and Tools”:**

Basics of GIS and Remote Sensing, Applied Statistics, Empirical Social Research Methods, Economic Evaluation Methods, Environmental Assessment Tools, Environmental Monitoring

A maximum of three electives can be chosen from the module catalogues of the adjoining master programs “Natural Resources Management and Development NRM” and “Renewable Energy Management REM”.

Targeted employers are private sector companies and service providers, public institutions in countries of the global South (ministries, public sector service providers, planning institutions), businesses and institutions of international cooperation (research, technical, economic cooperation programmes) with a high international mindset working in the field of natural resources management and planning, project implementation and evaluation as well as consulting.

**Target group** The master program is designed for young professionals of various academic backgrounds. Engineers, natural scientists and social scientists, hold at least a bachelor's degree and have some working experience in the water sector, have high potential to deepen their knowledge in Integrated Water Resources Management and acquire management and leadership skills.

<b>Target group</b>	Previous work experience might be gained in public or private institutions, authorities and enterprises of the water sector. Important for all participants and independent from their academic and professional background are good communicative skills, fluency in English and a strong interest in other cultures and international cooperation, in particular in the MENA region. The program is open for applicants of all nationalities.
<b>Course language</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• Bachelor degree (minimum grade of 3.0 according to the German system)</li><li>• English – TOEFL (550 points / 213 computer-based / 79–80 internet-based; IELTS 6.0)</li><li>• Motivation letter (1 page in English)</li><li>• Research proposal (2 pages in English); it should fulfil the scientific writing criteria</li><li>• 2 years of professional experience (scholarship requirement)</li><li>• DAAD scholarship is explicitly for applicants interested to work in a water related sector after their studies</li><li>• for further information consult: <a href="http://www.iwrm-master.info">www.iwrm-master.info</a></li></ul>
<b>Degree awarded</b>	Master of Science (M.Sc.) - Joint degree Technische Hochschule Köln/University of Jordan
<b>Course begins</b>	Winter term (September)
<b>Course duration</b>	24 months The 3rd semester is held at the University of Jordan in Amman
<b>Duration of German language course prior to beginning of programme</b>	24 months The 3rd semester is held at the University of Jordan in Amman The 4 <sup>th</sup> semester includes a field research stay abroad (master thesis), predominantly in the MENA region
<b>Application deadline</b>	For DAAD candidates: 30th September of the previous year at ITT  For applicants with German nationality: 10th June of the same year at ITT  For all other applicants: 31st March of the same year at ITT

- Remarks**
- Applications must be submitted in English.
  - ITT will assist in finding accommodation for scholarship holders in Cologne.
  - Accommodation for students' families cannot be arranged.

**For further  
information contact**

Institute for Technology and Resources Management in the  
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Website: [www.iwrm-master.info](http://www.iwrm-master.info)



# Environment and Resources Management (ENREM) – Focus Latin America



**Technische Hochschule Köln (TH Köln – University of Applied Sciences), Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)  
In Cooperation with Autonomous University of San Luis Potosi (UASLP),  
Multidisciplinary Postgraduate Program for Environmental Sciences (PMPCA)**

**Location** TH Köln – University of Applied Sciences is Germany's biggest University of Applied Sciences with over 23,000 students and 420 professors, and with 3500 foreign students of 93 nationalities studying at 11 faculties. The wide range of subjects yields excellent opportunities for interdisciplinary projects and cooperation.

The ITT is an applied research and teaching institute at TH Köln with a problem oriented and stakeholder centered research strategy. Its research follows a holistic approach, which jointly considers biophysical, environmental, economic and social issues. In its research structure, the ITT integrates different disciplines and methods in adequate platforms for the analysis and development of natural resources management solutions.

The Autonomous University of San Luis Potosi (UASLP) is the leading higher education institution in the state of San Luis Potosí. In 1923, UASLP was the first university in Mexico to constitutionally achieve the status of autonomy. UASLP is organized in 12 faculties, 2 schools, 2 coordination offices, 2 departments and 4 academic units for different and specific areas. Both, undergraduate and graduate studies are available in each faculty. To date, UASLP is offering 164 undergraduate and graduate programs to about 27,522 students.

The Multidisciplinary Postgraduate Program for Environmental Sciences (PMPCA acronym in Spanish) of the Autonomous University of San Luis Potosi (UASLP) is offering postgraduate courses with the options of Master as well as PhD programs. The PMPCA was created as a multidisciplinary postgraduate program, several entities are involved: Faculties of Chemistry, Engineering, Medicine, Social Sciences and Humanities and Agronomy. Further the Institutes for Metallurgy, Geology and the Center for Research in Arid Land Zones. The specialization and research of the PMPCA focuses on five core themes: Prevention and Control, Environmental Assessment, Renewable Natural Resources, Environmental Management and Integrated Environmental Health.

**Course focus** The Latin America and the Caribbean region (LAC) encompass a huge diversity of landscapes and ecosystems and is highly heterogeneous in terms of economic development and social and indigenous history. The region faces serious challenges such as climate change and natural disasters; and under conditions of population growth, urbanization and industrialization efficient environmental policies and programs are required to sustainably manage the natural resources. This calls for specialists and leadership in order to develop and employ managerial, economical, governance, and technical solutions – in short, professionals with lateral understanding and trans-disciplinary approaches for a sustainable development. Especially in Germany and Latin American countries there is a need for experts being familiar with the culture, language and politics of both sides and are skilled in intercultural communication.

The objective of the master program is to qualify professionals with the necessary knowledge, skills, and competencies to evolve and apply integrated solutions for environmental and natural resources management in an international context – especially German-Latin American cooperation – and at the same time provide their work experience and regional knowledge to the mutual learning and intercultural environment. These experts are able to analyze and solve complex environmental problems in their specific socio-cultural and political contexts, given the technical and economic potentials of both regions.

#### **Content**

- Core modules: Environmental Problems and Management, Sustainable Development, Ecology, Statistics, Ecological Economics, Project and Business Management
- Project Modules: Multidisciplinary Seminar, Project: Implementation
- Thesis preparation Modules: Thesis Seminar, Master Thesis Preparation,
- Modules from the catalogue ENREM from PMPCA and NRM at ITT. e.g. Urban, Regional and Community Based Management, Ecological and Social Risks Management, Water-Energy-Food Security Nexus, Environmental Education, Prevention and Control, Integrated Environmental Health, Climate Change, Ecology of Crops Production, etc
- Elective Modules “Methods and Tools”:  
Scientific Work and Research Design, Basics of GIS and Remote Sensing, Empirical Social Research Methods, Eco-Balancing Tools, Economic Evaluation Methods, Environmental Assessment Tools, Environmental Monitoring
- In addition to core modules, each student has to choose a minimum of four modules from the catalogues ENREM (PMPCA-NRM), one elective module from the catalogues “Methods and Tools” and three elective modules from any module catalogue, including the catalogues of the adjoining master programs “Integrated Water Resources Management IWRM” and “Renewable Energy Management REM”.

## Environment and Resources Management (ENREM) – Focus Latin America

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**Course focus** The graduates of the master program will be able to apply their knowledge and skills across a variety of positions, including the industry, private sector companies and service providers, public institutions and institutions of international / national cooperation (both public and third sector) with a high international mindset working in the field of environment and natural resources, project implementation and evaluation as well as consulting.

**Target group** The ENREM Master program targets professionals of different academic backgrounds: engineers, natural or environmental scientists, social or political scientists, who hold at least a bachelor's degree and have some experience related to the natural resources sector. They seek to deepen their knowledge in Environment and Resources Management and wish to acquire management and leadership skills as well as regional and intercultural competences.

The ENREM approach is for Mexican, German and Latin American participants, however the program is open for applicants of all nationalities, if the participants are highly motivated to work in an international cooperation with Latin America-Germany and are fluent in Spanish and English.

**Course language** Spanish and English

- Entry requirements**
- Bachelor degree or equivalent in engineering, natural sciences, geosciences, agriculture, forestry, political sciences, social sciences, architecture or informatics. In individual cases it is possible that graduates of other faculties can also be admitted. The Coordination Committee of ENREM reserves the right to decide on such cases.
  - Minimum grade of 8.0 based on the Mexican grading system or equivalent
  - English – TOEFL (550 points / 213 computer-based / 79–80 internet-based), IELTS 6,0
  - Spanish language proficiency (applies to applicants from nationalities that do not have Spanish as their mother language)
  - 2 years of professional experience (scholarship requirement)
  - Motivation letter (1 page)
  - Project idea (1-2 pages: description of research interest for master thesis)
  - A relation to environmental management, either by studies or professional working experience

## Environment and Resources Management (ENREM) – Focus Latin America

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**Degree awarded** Graduates of the program receive a degree of each university:

- UASLP: Maestría en Ciencias Ambientales
- TH Köln: Master of Science Natural Resources Management and Development

**Course begins** Winter term (August) in San Luis Potosí, Mexico

**Course duration** 24 months  
The 1<sup>st</sup> and 2<sup>nd</sup> semester in San Luis Potosí,  
3<sup>rd</sup> semester in Cologne and the  
4<sup>th</sup> semester for the master thesis.

**Application deadline** For scholarship and non-scholarship applicants: 31<sup>st</sup> January of each year. All required documents must be sent via E-mail to both email addresses: [info-enrem@itt.th-koeln.de](mailto:info-enrem@itt.th-koeln.de) and [pmpca.enrem@gmail.com](mailto:pmpca.enrem@gmail.com). Please do not send hard copies of the application form.

**Remarks**

- The master thesis is conducted within a period of four months, including field research stays abroad, predominantly in the Latin American and Caribbean region
- Applications must be submitted in English.
- ITT and PMPCA will assist in finding accommodation in Cologne and San Luis Potosí.
- Accommodation for students' families cannot be arranged.
- Further funding possibilities: CONACYT (see: <http://www.enrem-master.info>)

**For further information contact** Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)  
Dipl. Reg.-Wiss. Ricarda Bruder Pedroso  
Betzdorfer Straße 2  
50679 Cologne  
Germany  
  
Phone: +49-(0)221-8275-4148  
Fax: +49-(0)221-8275-2736  
Email: [info-enrem@itt.th-koeln.de](mailto:info-enrem@itt.th-koeln.de)  
Website: [www.enrem-master.info](http://www.enrem-master.info)

# Master of Science in International Health (Berlin)



## **Institute of Tropical Medicine and International Health, Charité - Universitätsmedizin Berlin, a joint institution of the Freie Universität Berlin and the Humboldt-Universität zu Berlin**

### **Location**

Berlin is the capital and largest city of Germany. Nearly one-third of Berlin's 3.5 million inhabitants are younger than 25, and the city hosts almost half a million internationals from 184 countries. Berlin is proud of its large and varied cultural scene, which includes three opera houses, more than 150 theatres and concert halls, 400 independent theatre groups, 70 museums, 200 art galleries, 120 cinemas and numerous other cultural centres. In Berlin, scientists in every field have always found optimal conditions for pursuing their work, Rudolf Virchow, Robert Koch and Albert Einstein among others. Berlin is also the largest university city in Germany with approximately 145,000 students enrolled in 15 universities and research facilities. Charité – Universitätsmedizin Berlin, dating back to 1710, is the unified medical campus of the Freie Universität Berlin and the Humboldt-Universität Berlin and one of the most renowned medical schools in Europe today.

### **Course focus**

#### **Study Focus**

The Master of Science Programme in International Health raises awareness of current global health problems and allows students to identify and critically analyse key factors shaping the health and well-being of populations. The programme contributes to sustainable development and focuses on improving the management of health services for disadvantaged populations with a focus on low and middle income societies.

#### **The tropEd Network**

The programme is organised within the tropEd Network for Education in International Health, a registered association of 20 European and several non-European institutions of higher education (Australia, Bolivia, China, Indonesia, Thailand, Vietnam, Tanzania and Mexico). The programme is characterised by a unique synergy of experience and expertise of leading higher education institutions. Its innovative approach is based on the mobility of people, the exchange of experiences in different disciplines and the establishment of a common international standard in education and training. The programme prepares people to work more effectively in a multicultural environment by exposing them to various perspectives. The Network Secretariat is based at the Swiss Tropical and Public Health Institute in Basel.

<b>Course focus</b>	<p><b>Content</b></p> <p>The Master's programme comprises studies in a number of public health-related disciplines including health economics, epidemiology and statistics, health promotion, management sciences, population sciences, reproductive health, mental health, social sciences, travel and migrant health, tropical medicine with a focus on infectious diseases, bacteriology, parasitology, virology and laboratory practice.</p> <p><b>Structure</b></p> <p>The Master's programme in International Health is a modular degree programme for full-time or part-time study consisting of an introductory core course, advanced optional modules and a research project submitted as a thesis. The core course is divided into three modules: concepts &amp; research methods (with a focus on epidemiology), health problems (with a focus on tropical medicine) and health systems. The core course and a number of advanced modules are offered at the Institute of Tropical Medicine and International Health at the Charité - Universitätsmedizin Berlin. Further optional modules can be selected from a list of more than 180 courses offered by the tropEd partner institutions (see course catalogue at <a href="http://www.troped.org">www.troped.org</a>). The course offering includes distance and e-learning modules.</p> <p><b>Quality Assurance</b></p> <p>A peer-reviewed quality assurance process within the tropEd Network guarantees highest standards in education and training. National accreditation of teaching provision has been obtained in Germany as well as in several other European countries, and the programme has repeatedly been selected as one of the best European Master's programmes (2002 European University Association; 2004, 2005 and 2009 European Commission). The programme was recognised for demonstrating innovation in addressing issues of transnational cooperation with an excellent record of teaching quality assurance and recognition, student mobility, course integration and sustainability.</p> <p><b>Duration / ECTS Credits</b></p> <p>The programme can be completed within two semesters (full-time) or up to eight semesters (part-time). A total of 60 European Credit Transfer System (ECTS) credit points must be accumulated for successful completion of the programme; one ECTS credit point is equivalent to 30 hours student investment time. A minimum of 10 ECTS credit points for advanced modules needs to be earned at the Institute of Tropical Medicine and International Health, Charité – Universitätsmedizin Berlin, Germany. The research project may be undertaken either in Berlin or abroad.</p>
<b>Target group</b>	<p>Selection of participants is guided by the programme's emphasis on a multidisciplinary approach to international health. Students from a variety of backgrounds are recruited, including medical professionals, social scientists, health educators and health managers.</p>

## Master of Science in International Health (Berlin)

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Course language	English
Entry requirements	<p><b>For DAAD scholarship applicants:</b> Completion of a 4-year Bachelor's or equivalent degree in a health-related field, e.g. medicine, public health, biology, educational sciences, psychology, sociology, anthropology, epidemiology, nutrition, health economics, two years relevant experience in a low or middle income country upon start of the course, proficiency in English (as listed below).</p> <p><b>For self-funded students:</b> Completion of a 3-year Bachelor's (180 ECTS credits) or equivalent degree in a health-related field (as listed above).</p> <p>Students who start the MScIH with 180 ECTS credit points from BSc studies must attend more advanced modules and do an additional critical literature review compared to students who start the MScIH with at least 210 ECTS credit points from BSc studies.</p> <p>Applicants must have one year relevant professional experience in a low or middle income country or acquire this experience during the course.</p> <p>Proficiency in English is to be demonstrated by a TOEFL score of at least 550 PBT, 213 CBT, 80 iBT, IELTS Band score of at least 6.0 or an equivalent approved test.</p>
Degree awarded	Master of Science in International Health (MScIH)
Course begins	Winter Semester: early September
Course duration	<p><b>For DAAD scholarship applicants:</b> DAAD scholarship holders follow a predefined study track of 12 months (full time), which currently offers little flexibility.</p> <p><b>For self-funded students with at least 210 ECTS credit points from BSc studies:</b> 12 months (full-time students who have one year relevant professional experience in a low or middle income country upon start of the course), 24 months (full-time students who need to acquire one year relevant professional experience in a low or middle income country during the course), 24 to 48 months (part-time students).</p> <p><b>International students are advised to inquire at the German Embassy of their home country whether the student visa permits part-time studies.</b></p>

<b>Duration of German language course prior to beginning of programme</b>	A two-month introductory German language course is offered in July and August. For DAAD scholarship holders this course is mandatory. (N.B.: The language of the Master's programme is English, not German.)
<b>Application deadline</b>	<p><b>Applicants for a DAAD scholarship:</b> 15 October of the year prior to the start of the programme at the Institute of Tropical Medicine and International Health, Charité - Universitätsmedizin Berlin.</p> <p>Applications for DAAD scholarships need to reach the Institute of Tropical Medicine and International Health, Charité - Universitätsmedizin Berlin by 15 October of the year prior to the start of the programme. Applications in electronic form and incomplete applications will not be considered. Further information is provided on our website: <a href="http://internationalhealth.charite.de/en/admission/scholarships/">http://internationalhealth.charite.de/en/admission/scholarships/</a></p> <p><b>Self-funded applicants:</b> 31 March of the same year at the Institute of Tropical Medicine and International Health. Applicants will be notified on admission/rejection in early May. Download of application forms at <a href="http://www.internationalhealth.de/en/admission/application/">http://www.internationalhealth.de/en/admission/application/</a>.</p> <p>Additional degrees can be acquired in parallel at additional cost. Please consult <a href="http://internationalhealth.charite.de/en/degrees/master_of_science_in_international_health/">http://internationalhealth.charite.de/en/degrees/master_of_science_in_international_health/</a>.</p>
<b>Remarks</b>	<p><b>Tuition</b> Module and course fees follow regulations current in the tropEd partner institutions. Generally, a fee of about 200-300 Euros per ECTS credit has to be paid for advanced modules and of about 75 Euros per ECTS credit for the Master's thesis. For exact fees of current modules, please consult the tropEd website (<a href="http://www.troped.org">http://www.troped.org</a>).</p> <p>The present core course tuition fee at the Institute of Tropical Medicine and International Health at the Charité – Universitätsmedizin Berlin is 3500 Euros. One-week advanced modules cost 375 Euros, two-week modules cost 750 Euros. The thesis supervision fee amounts to 1,500 Euros for a thesis yielding 20 ECTS credits.</p> <p>In addition, students of the Charité – Universitätsmedizin Berlin must pay a registration fee, presently approximately 100 Euros per semester, i.e., twice annually.</p>



<b>Remarks</b>	<p><b>Scholarships</b> Please note that special eligibility requirements apply for applicants for DAAD scholarships, and all applicants for DAAD scholarships are required to submit a research proposal and the official DAAD application form. Please read the instructions on the website carefully: (<a href="https://www.daad.de/entwicklung/studierende_und_alumni/bildung_postgradual/ast/08164.en.html">https://www.daad.de/entwicklung/studierende_und_alumni/bildung_postgradual/ast/08164.en.html</a>)</p> <p><b>Special Services</b> An introductory orientation programme, academic support services, guidance and counselling through a personal advisor system, cultural events and excursions are offered to all foreign students. Each student has a Charité-designated supervisor who has relevant experience in the chosen study track and research or thesis topic.</p>
<b>For further information contact</b>	<p>Institute of Tropical Medicine and International Health Charité - Universitätsmedizin Berlin Master's Programme in International Health Student Support Officer Augustenburger Platz 1 13353 Berlin Germany</p> <p>Phone: +49-(0)30-450 565 753 Fax: +49-(0)30-450 565 989 Email: <a href="mailto:mscih-student@charite.de">mscih-student@charite.de</a> Website: <a href="http://www.internationalhealth.de">www.internationalhealth.de</a> <a href="http://www.troped.org">www.troped.org</a> <a href="http://www.charite.de/tropenmedizin/lehre.htm">www.charite.de/tropenmedizin/lehre.htm</a></p>

# Master of Science in International Health (Heidelberg)



## Ruprecht-Karls-Universität Heidelberg (Heidelberg University), Institute of Public Health

**Location** Heidelberg has a population of around 135,000 inhabitants and is situated in the state of Baden-Wuerttemberg in the south-western part of Germany. The city of Frankfurt with the nearest international airport is 90 km away. Besides the marvellous scenery and many historic attractions, Heidelberg is renowned as an important centre for teaching and research in Germany. The University of Heidelberg is the oldest university in Germany, founded in 1386. Today, more than 27,000 students are enrolled with a high proportion of international students (ca. 18 per cent).

**Course focus** **International Health**  
Focuses on poverty-related health problems in low and middle income countries. It includes the promotion of health, prevention and treatment of disease. Studies of health systems, health economics and financing, health policy, and management of health services are central. A cursory view of diverse aspects of health in many low and middle income countries shows a need for improved health policy, more efficient organisation and management at all levels of health systems, and sustainable financing. In order to make health services accessible to the people who need them most, reforms are urgently needed both at the policy-making level and on the delivery side. The MSChI was developed with these factors in mind.

### Teaching Approach

Participatory teaching and learning methods are the underlying didactic concepts of the course. Participants are expected to take an active part throughout the course, e.g., small group work, individual study time and assignments, presentations based on their own working experience, case studies and group discussion.

<b>Course focus</b>	<p><b>Structure</b></p> <p>The course has three distinct parts, each accounting for 20 ECTS (European Credit Transfer System). In this system, credit points are given on the basis of Student Investment Time, i.e., how much time a student “invests” in a given topic (including lecture time, group work and individual learning time). The three parts of the MScIH are:</p> <ol style="list-style-type: none"><li>1. A three-month core module, providing a basic overview on essential topics in International Health.</li><li>2. Advanced modules, offering more in-depth learning on selected topics.</li><li>3. A thesis module, allowing for guided individual research work with a personally flexible choice.</li></ol> <p>The course covers the diverse aspects of International Health and may be taken <b>either as part-time study within the TROPED network or as a full-time one-year full time programme at Heidelberg</b> (for details please see: <a href="http://www.ukl-hd.de/ph/MScIH">www.ukl-hd.de/ph/MScIH</a>).</p> <p><b>DAAD</b> scholarships are available for the full time programme.</p> <p><b>Quality Assurance</b></p> <p>The programme is accredited at the national level. All taught parts (Core Course, Advanced Modules) are additionally accredited in the TROPED network. An international standard is further ensured by faculty members of other Institutes of Public Health acting as lecturers and external examiners.</p> <p>A maximum of 25 students are accepted into the programme, which guarantees intensive personal contact with lecturers and academic supervisors throughout the programme.</p>
<b>Target group</b>	<p>The MScIH is intended for public health-related academic professionals, including nurses and physicians, with at least two years’ work experience in public health. Its focus is to provide students with a solid foundation in international public health principles and competency with the tools and methods necessary to initiate programmes that would improve health services in an efficient, sustainable and equitable way.</p> <p><b>Career Perspective</b></p> <p>Graduates are expected to take up policy, planning, management or teaching positions in, for example, international organisations, ministries of health, national health programmes, non-governmental organisations and universities.</p>
<b>Course language</b>	English

## Master of Science in International Health (Heidelberg)

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- Entry requirements**
- Public health related academic degree (minimum of four years Bachelor or Master's degree, conform to the standard of Heidelberg University) plus at least two years' professional experience in a public health related position.
  - English language proficiency: if an applicant's first language is not English, he/she is requested to provide evidence of his/her English language proficiency with a TOEFL or IELTS test. (TOEFL required minimum score: 237 CBT, 92-93 iBT, 58o PBT or IELTS required minimum: Band 6.5)
  - The academic degrees should normally be no older than 6 years.

**Degree awarded** Master of Science in International Health (MScIH)

**Course begins** September 2018

**Course duration** 12 months

**Duration of German language course prior to beginning of programme** 2 months (for students awarded a DAAD scholarship)

**Application deadline** DAAD scholarships are available for the full timeprogramme with the following deadline:

Online application open from 15 May to 15 October for **next year's course**. (for details please see: [www.ukl-hd.de/ph/MScIH](http://www.ukl-hd.de/ph/MScIH)).

University deadline (not for DAAD scholarship applications): 30 April for the same year's course.

Different deadlines may apply for other scholarship funding agencies.

**Remarks** Application is only possible online (for MSc course as well as for a DAAD scholarship). Applications sent by Email or postal mail will not be accepted.

Tuition fee: 14,100 Euros for the residential programme (special arrangements apply to DAAD scholarship holders).

**For further informationcontact** Heidelberg University  
Institute of Public Health  
MScIH – Course Administration  
Im Neuenheimer Feld 365  
69120 Heidelberg  
Germany

Phone: +49-(0)6221-567190

Fax: +49-(0)6221-564918

Email: [MSc\\_IH@uni-heidelberg.de](mailto:MSc_IH@uni-heidelberg.de)

Website: [www.ukl-hd.de/ph/MScIH](http://www.ukl-hd.de/ph/MScIH)

# Vocational Education and Personnel Capacity Building



## Technische Universität Dresden (TU Dresden)

**Location** The “Technische Universität Dresden” was founded in 1828 and is among Germany’s oldest universities of technology. With about 36000 students and 8000 employees, including about 500 professors, the TUD is the largest university in the German Federal State of Saxony. The TUD’s 14 faculties cover a wide range of fields in science and engineering, humanities, social sciences and medicine. TUD is one of eleven German universities that were identified as an “excellence university”.

Dresden, the capital of Saxony, is a Baroque city with 500,000 inhabitants located in the heart of Europe, with a long tradition of contact to the East and the West. It offers excellent cultural and social activities and sports in beautiful surroundings.

**Course focus** Pedagogic activities at state-maintained institutions and private companies providing vocational training require teaching qualifications under various conditions. This postgraduate course provides graduates from developing countries with the opportunity to obtain pedagogic and didactic qualifications.

### **Obligatory Modules**

- Foundation of Vocational Education and Adult Education
- Designing of Learning and Teaching Processes
- Management Processes
- Learning Psychology
- Analysis of Research, Production and Education
- Projection of Education Systems
- Scientific Works
- Vocational Education Internship
- Field Research Internship

### **In-depth studies in the Compulsory Optional Section.**

In the compulsory optional section, students are required to choose 3 or 4 of the 5 vocational training orientated, in-depth study areas offered.

<b>Course focus</b>	<p>The chosen topics will be related to the students' future work areas:</p> <ul style="list-style-type: none"><li>• In-depth study in Occupational Field Theory/Specialist Didactics with a specific vocational orientation enhances the students' teaching skills and competence for vocational schools. The following vocational subject orientations are offered: Civil Engineering, Chemical Engineering, Electrical Engineering, Metal Engineering/Mechanical Engineering, Food Engineering/Domestic Science/Home Economics. In all cases, these vocational subjects require students to hold an appropriate engineering qualification, which means that students are not free to choose their subject at will.</li><li>• The subject Personnel Capacity Building: Students get to know basic instruments of personnel work and development and are able to apply them purposefully in fields of Vocational Education.</li><li>• Designing Communicative Processes: Students learn to design communication processes purposively and focused on specific target groups.</li><li>• The Adult Education/Education Management orientation increases the graduates' competence for conceptual and teaching activities in the field of industrial in-firm training and further training in the students' home countries.</li><li>• The Education Technology orientation provides expert knowledge and skills for the development of multimedia and computer-integrated education projects within the vocational education system.</li></ul>
<b>Target group</b>	<p>Specialists responsible for project work aimed at restructuring or developing the vocational education system in the respective home country.</p> <p>Graduates will obtain the required qualifications for employment with authorities, in offices of planning and consultation, in departments of human resources, education, continued education and retraining in enterprises, in national and international organisations and in vocational, technical and engineering schools.</p>
<b>Course language</b>	German
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• A degree in engineering, business studies or education or an equivalent qualification recognised in Germany</li><li>• At least 2 years of professional experience</li><li>• DSH 2 or TestDaF 4</li></ul>
<b>Degree awarded</b>	Master of Arts
<b>Course begins</b>	October 2018

<b>Course duration</b>	24 months, including two practical training courses of 4 weeks each and the Master's thesis
<b>Duration of German language course prior to beginning of programme</b>	6 months. The course begins in April 2018.
<b>Application deadline</b>	30 September 2017 at Technische Universität Dresden, Institut für Berufspädagogik und Berufliche Didaktiken
<b>For further information contact</b>	Dipl. Agrar.päd. Kornelia Klöber Technische Universität Dresden Fakultät Erziehungswissenschaften Institut für Berufspädagogik und Berufliche Didaktiken 01062 Dresden Germany  Phone: +49-(0)351-4633-4917 Fax: +49-(0)351-4633-2659 Email: <a href="mailto:kornelia.kloeber@tu-dresden.de">kornelia.kloeber@tu-dresden.de</a> Website: <a href="https://tu-dresden.de/gsw/ew/ibbd/bp/studium/vocational-education">https://tu-dresden.de/gsw/ew/ibbd/bp/studium/vocational-education</a>

# International Education Management (INEMA)



## University of Education Ludwigsburg & Helwan University Cairo

<b>Location</b>	Ludwigsburg, Germany & Cairo, Egypt
<b>Course focus</b>	Developing and providing managerial and modern leadership skills as well as competencies for cross-cultural challenges in education management and initiating reform processes in the education sector
<b>Target group</b>	Current and prospective managers in the education system (educational institutions, education projects, ministries, internationally operating agencies and private sector companies)
<b>Course languages</b>	English
<b>Entry requirements</b>	<ul style="list-style-type: none"><li>• University degree (Bachelor or equivalent)</li><li>• At least two years of relevant professional experience</li><li>• Reference letter from current employer</li><li>• Good command of English</li></ul>
<b>Degree awarded</b>	Master of Arts, joint degree
<b>Course begins</b>	Annually in September
<b>Course duration</b>	4 semesters (can be extended up to 6)
<b>Duration of German language course prior to beginning of programme</b>	None
<b>Application deadline</b>	31 <sup>st</sup> of May



**Remarks** “International Education Management” (INEMA)

The extra-occupational program trains education and reform managers, to enhance the effectiveness and sustainability in international cooperation in education. The program is jointly implemented by PH Ludwigsburg University of Education and Helwan University Cairo. It concludes with a joint degree Master of Arts.

INEMA addresses professionals in the fields of education and international cooperation, who should develop competencies to initiate and implement reform processes and take over management positions. A guiding principle is the development of cross-cultural competencies. So far professionals of 17 countries are enrolled or joined the program who study commonly, alternating in Ludwigsburg, Germany and Cairo, Egypt. Additional locations are in preparation. The study period of the program is 4 semesters with attendance phases in Ludwigsburg and Cairo and distance learning. It is extra-occupational and allows students to continue with their assigned jobs without career break. The programme is based on a blended learning concept with 6 attendance phases alternating in Ludwigsburg and Cairo, self-learning phases, coaching and practical transfer.

The first attendance phase will be in Ludwigsburg from October 07 - 16, 2017.

Accredited by AQAS.

**For further information contact**

Prof. Dr. Pierre Tulowitzki

Email: [inema@ph-ludwigsburg.de](mailto:inema@ph-ludwigsburg.de)

Prof Dr. Hosam Refai

Email: [inema@hq.helwan.edu.eg](mailto:inema@hq.helwan.edu.eg)

Website: [www.inema-master.com](http://www.inema-master.com)

# Master of Laws in Intellectual Property and Competition Law



## Munich Intellectual Property Law Center (MIPLC)

**Location** The MIPLC, an academic centre in Munich, is jointly run by the Max Planck Institute for Innovation and Competition, the University of Augsburg, the Technical University of Munich, and The George Washington University Law School, Washington, D.C.

Munich, also known as Europe’s “Intellectual Property Capital”, is home to the European Patent Office, the German Patent and Trademark Office, and the German Federal Patent Court. In addition, Munich boasts countless IP law firms, important media companies, and highly innovative biotech start-ups.

**Course focus** The MIPLC’s LL.M. programme “Intellectual Property and Competition Law” is a highly specialised, international, and interdisciplinary programme taught in English and designed for postgraduates from a variety of educational, professional, and national backgrounds. It combines one year of full-time, rigorous, intensive study with practical experience and relevant extracurricular activities to enable graduates to deal with intellectual property issues in a global context at the most sophisticated level. Class intake is limited to 38 students per year.

Our comprehensive, modularised curriculum covers all areas of European, U.S., and international intellectual property and competition law. In addition, it includes courses in related fields such as economics and business administration. The programme is structured to cover both common law and civil law traditions, thus giving graduates a comprehensive understanding of both legal systems and enabling them to operate successfully in any professional context. All courses are taught by international faculty – including professors, attorneys, judges, corporate IP officers, and representatives of IP organisations – who are leaders in their fields.

The teaching method at the MIPLC focuses on case studies, problem-solving and the practical application of knowledge, with special emphasis on litigation and negotiation skills. Students can test and practice their skills in simulated court cases and workshops as well as during optional internships.

**Target group** While most of the MIPLC students hold a previous degree in law, natural sciences, or engineering, students of other disciplines with a keen interest in IP and Competition Law are also very welcome.

**Course languages** English

## Master of Laws in Intellectual Property and Competition Law

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<b>Entry requirements</b>	<p>Admission to the MIPLC is highly competitive. In order to be considered, applicants must have <b>at least</b></p> <ol style="list-style-type: none"><li>1. An above-average bachelor's degree (240 ECTS credits) or an above-average bachelor's degree (180 ECTS credits) plus an additional year of professional experience beyond the one required in no. 2.</li><li>2. One year of professional experience (two years if applying for a DAAD scholarship). Apart from actual employment in a paid position, "professional experience" also includes internships or work as a research assistant.</li><li>3. Very good knowledge of the English language, demonstrated by one of the following test results obtained within the last three years (waived for applicants who received their degree from a university at which English is the language of instruction):<ul style="list-style-type: none"><li>• a TOEFL score of 85 points (internet-based), 223 points (computer-based), or 563 points (paper-based);</li><li>• an IELTS score of 6.5 or above;</li><li>• a minimum grade of "C" on the Cambridge CPE.</li></ul></li></ol> <p>Please refer to <a href="http://www.miplc.de/llm-ip/admissions/">http://www.miplc.de/llm-ip/admissions/</a> for information about documents required for applying and for the online application form.</p>
<b>Degree awarded</b>	LL.M. (Master of Laws)
<b>Course begins</b>	Early October of each year
<b>Course duration</b>	12 months (two semesters)
<b>Duration of German language course prior to beginning of programme</b>	Two months (only for DAAD scholarship holders)
<b>Application deadline</b>	DAAD scholarships: 15 October (arrival of application documents at the MIPLC)  Self-financing students: 30 April (arrival of application documents at the MIPLC)

- Remarks**
- Please submit your application directly to the MIPLC ()
  - All applicants must complete the online application form and, if applicable (e.g. for the DAAD scholarship), the financial assistance application form, available at <http://www.miplc.de/llm-ip/admissions/>, and submit all requested documents
  - As the MIPLC receives a large number of applications, please be advised that the Admissions Committee will strictly only consider complete and timely applications. Incomplete or late applications will be discarded
  - Application, enrolment, and other fees apply to all students, including DAAD applicants and DAAD scholars
  - Tuition fee: 32,000 EUR for the entire one-year LL.M. programme (waived for DAAD scholars)
  - Please visit [www.miplc.de](http://www.miplc.de) for comprehensive information about the LL.M. programme

**For further  
information contact**

Munich Intellectual Property Law Center (MIPLC)  
c/o Max Planck Institute for Innovation and Competition  
Ms. Margit Hinkel, Mr. Matthias Fink  
Administrative Directors  
Marshallplatz 1  
80539 Munich  
Germany  
Phone: +49-(0)89-24246-5321  
Fax: +49-(0)89-24246-522  
Email: [info@miplc.de](mailto:info@miplc.de)



## **Deutsche Welle Akademie, University of Bonn and Hochschule Bonn-Rhein-Sieg (University of Applied Sciences Bonn-Rhein-Sieg)**

**Location** The city of Bonn is home to 20 UN institutes and about 150 non-governmental organisations (NGOs). The UN Campus, Deutsche Welle and the World Conference Center Bonn have created a lively centre for international dialogue in the heart of this former German capital.

International museums, the annual Carnival celebrations and Beethovenfest make the composer's hometown a centre of cultural life. And with its 32,500 students, Bonn is truly a great place to live and learn.

**Course focus** Thinking globally, acting locally. Identifying trends and maintaining networks across borders. Navigating and producing both digital and multi medial. These are the challenges facing journalists and media managers worldwide. The bilingual International Media Studies Master's Programme offers an unparalleled mix of research, lectures and practical experience and prepares students for careers in the communications and media industries. Communication experts and media representatives lecture in German and English to groups with a maximum of 30 students. The bilingual curriculum uniquely combines the disciplines media and development, journalism, communications and media management.

**Target group** The programme is targeted at students from around the world that want to work in a position of responsibility in journalism or the communications sector. It especially addresses journalists-in-training, media representatives from radio, TV, online and print, and communication experts.

### **Especially targeted at:**

- Media representatives from radio, TV, online and print
- Journalists-in-training, especially from electronic media
- Journalists and management from community radio stations
- Communication experts
- NGO employees
- Employees from ministries
- Employees from cooperative development groups and projects
- Representatives from regional working groups and national broadcasters
- Media association representatives

**Course language** English (approx. 70 per cent) and German (approx. 30 per cent)

- Entry requirements**
- A Bachelor's degree or equivalent
  - More than two years of professional experience in a media-related field after your first degree for a full scholarship; For a partial scholarship you are required to have obtained at least one year of experience after your first degree
  - Evidence of sufficient English language skills: TOEFL PBT (557 or higher), TOEFL CBT (220 or higher), TOEFL IBT (83 or higher) IELTS (Band 6.5 or higher)
  - Evidence of sufficient German language skills: TestDaF (at least level TDN 3 in all four parts of the examination), Goethe Zertifikat (at least level B2), DSH (at least level 1), Telc (B2)

**Degree awarded** Master of Arts

**Course begins** Each year in September

**Course duration** Four semesters (24 months)

**Duration of German language course prior to beginning of programme** n/a

**Application deadline** 31 March at DW-AKADEMIE.

Please note that **only online-applications** are being accepted. Further information can be found on our website [www.ims-master.de](http://www.ims-master.de)

**For further information contact** Head Administration/Head Academic Department  
HA Bildung und Zentrale Dienste  
DW Akademie  
Deutsche Welle (DW)  
Kurt-Schumacher-Str. 3  
International Media Studies  
53110 Bonn  
Germany

Phone: +49-(0)228-429-2892

Fax: +49-(0)228-429-2890

Email: [ims@dw.de](mailto:ims@dw.de)

Websites: [www.ims-master.de](http://www.ims-master.de)

[www.dw-akademie.de](http://www.dw-akademie.de)

Auf den nachfolgenden Seiten sind noch einmal alle Studiengänge auf Deutsch beschrieben, die ganz oder teilweise in deutscher Sprache angeboten werden. Für diese Studiengänge ist in der Regel eine erfolgreich absolvierte DSH-, bzw. TestDaF-Prüfung die Eingangsvoraussetzung. Nähere Informationen sind den einzelnen Studiengangsbeschreibungen zu entnehmen.

Es handelt sich um folgende Studiengänge:

## Ingenieurwissenschaften und verwandte Disziplinen

### Textil- und Konfektionstechnik

Technische Universität Dresden

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## Regional- und Stadtplanung

### Regionalwissenschaft / Raumplanung

Karlsruher Institut für Technologie (KIT)

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## Sozialwissenschaften, Bildungswesen und Jura

### Vocational Education and Personnel Capacity Building

Technische Universität Dresden

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## Medienwissenschaften

### International Media Studies

Deutsche Welle Akademie, Universität Bonn und Hochschule Bonn-Rhein-Sieg

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Neben einer großen Anzahl von Postgraduiertenstudiengängen, die von deutschen Hochschulen angeboten werden, fördert der Deutsche Akademische Austauschdienst (DAAD) eine Auswahl von Studiengängen, die besonders an junge Fach- und Führungskräfte aus Entwicklungsländern von Interesse sind. Diese Studiengänge, die durchschnittlich ein zweijähriges intensives Studium umfassen, bieten jungen ausgebildeten Akademikern aus Entwicklungsländern die Gelegenheit, sich durch eine weiterführende Hochschulausbildung in ihren jeweiligen Fachgebieten weiter zu qualifizieren.

## **Derzeit werden Postgraduiertenstudiengänge in folgenden Bereichen angeboten:**

- Wirtschaftswissenschaften und Wirtschaftspolitik
- Entwicklungszusammenarbeit
- Ingenieurwissenschaften und verwandte Wissenschaften
- Mathematik
- Regional- und Stadtplanung
- Agrar- und Forstwissenschaften
- Natur- und Umweltwissenschaften
- Medizin und Gesundheitswesen
- Sozialwissenschaften, Bildungswesen und Jura
- Medienwissenschaften

Diese Broschüre beinhaltet alle Studiengänge, die durch das DAAD-Programm „Entwicklungsbezogene Postgraduiertenstudiengänge“ gefördert werden.

Die Liste der geförderten Studiengänge ist jährlich aktuell auch im Internet verfügbar:

**[www.daad.de/epos-info](http://www.daad.de/epos-info)**

Die Studiengänge richten sich an alle Bewerber<sup>1</sup>, welche die Zulassungsbedingungen erfüllen. Bewerbungen von Berufstätigen, die sich selbst finanzieren, die von ihrer Regierung, ihrem Unternehmen oder einer internationalen Organisation gefördert werden, sind ebenfalls sehr willkommen. Zudem steht eine limitierte Anzahl von Stipendien zur Verfügung. Diese werden vom DAAD nur für die im Programm geförderten Studiengänge vergeben.

## **Auswahlkriterien und -verfahren für DAAD-Stipendiaten sollen sicherstellen, dass:**

- vorrangig Kandidaten mit nachgewiesener entwicklungsbezogener Motivation erreicht werden, mit deren Ausbildung und Stipendierung erwartet werden kann, dass sie später gesellschaftliche Verantwortung übernehmen und in ihrem persönlichen und beruflichen Umfeld Veränderungen anstoßen und begleiten können (Motivation, entwicklungsbezogenes Engagement),
- die Kandidaten über die notwendigen fachlichen Voraussetzungen verfügen, die einen erfolgreichen Studienabschluss in Deutschland erwarten lassen (Abschlussnote des ersten akademischen Exams, Sprachkenntnisse),
- besondere Zugangsmöglichkeiten für Frauen und benachteiligte Gruppen bei Vorliegen der fachlichen Voraussetzungen und Nachweis von entwicklungsbezogenem Engagement gewährleistet sind.

## **KONTAKT:**

Deutscher Akademischer Austauschdienst (DAAD)

[www.daad.de/entwicklung](http://www.daad.de/entwicklung)

### **Referat ST 42**

Postfach 20 04 04

D-53134 BONN

Germany



# Stipendien für Entwicklungsbezogene Postgraduiertenstudiengänge

## 1. Allgemeine Informationen zum Programm

- Postgraduiertenstudiengänge für junge Fach- und Führungskräfte aus Entwicklungsländern
- Dauer: 12-24 Monate, je nach Masterstudiengang bzw. 36 Monate bei PhD
- International anerkannte Master-Abschlüsse und Promotionen
- Studiengänge deutscher Universitäten und Fachhochschulen
- Förderung von sorgfältig ausgewählten Studiengängen durch Stipendien
- Finanziert aus Mitteln des BMZ (Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung), jedoch werden Selbstzahler oder Bewerber, die von ihrer Regierung oder von anderen Quellen finanziert werden, ebenfalls akzeptiert.
- Akademisches Jahr 2018/2019

## 2. Bewerbungsvoraussetzungen

### Der typische Stipendiat:

- Arbeit entweder in einer Behörde, in einer staatlichen Einrichtung oder in einem privaten Unternehmen eines Entwicklungslandes, und engagiert sich dementsprechend in der Planung und Durchführung von Projekten mit Fokus auf die Entwicklungszusammenarbeit.
- Hat einen Bachelor-Abschluss (in der Regel vier Jahre) im entsprechenden Fachgebiet.
- Hat sein Studium mit einem überdurchschnittlichen Ergebnis (oberes Leistungsdrittel) abgeschlossen und verfügt über eine mindestens 2-jährige einschlägige Berufserfahrung nach dem Bachelor.
- Sein jeweiliger Hochschulabschluss sollte i.d.R. nicht länger als sechs Jahre zurückliegen.

### Sprachkenntnisse:

- **Für deutschsprachige Studiengänge:** DSH 2 oder TestDaF 4 zum Studienbeginn; zum Zeitpunkt der Bewerbung sind deutsche Sprachkenntnisse auf Niveau A2 nachzuweisen. Zudem werden vorbereitende Deutschkurse auf B1 Niveau ausdrücklich empfohlen.

**Achtung:** Einige deutschsprachige, bzw. zweisprachige Studiengänge erwarten sehr gute Deutschkenntnisse bereits zum Bewerbungszeitpunkt. Entnehmen Sie hier detaillierte Informationen aus den jeweiligen Studiengangsbeschreibungen.

- **Es sei ausdrücklich darauf hingewiesen,** dass es ohne Grundkenntnisse (mindestens A.2.1-Niveau) in der deutschen Sprache nicht möglich ist, trotz des vorgeschalteten sechsmonatigen Intensivsprachkurses in Deutschland, die für das Fachstudium erforderliche Sprachprüfung (DSH oder TestDaF) erfolgreich zu bestehen. Die bestandene Sprachprüfung ist formale Voraussetzung für die Immatrikulation an der deutschen Hochschule.
- **Für englischsprachige Studiengänge:** IELTS-Zertifikat (Band 6.0) oder TOEFL (Mindestens: 550 Punkte paper-based, 213 computer-based, 80 internet-based)

**Achtung:** Einige Studiengänge können unterschiedliche Punktzahlen in den Sprachnachweisen verlangen. Entnehmen Sie detaillierte Informationen aus den jeweiligen Studiengangsbeschreibungen.<sup>2</sup>

<sup>2</sup> Die Hochschulen sind für die Inhalte und Angaben zu den jeweiligen Studiengängen in dieser Broschüre selbst verantwortlich.

## Nachweise über gegenwärtige berufliche Tätigkeit:

Alle Bewerber müssen ihre aktuelle berufliche Tätigkeit zum Zeitpunkt der Bewerbung angeben und wie folgt nachweisen: Arbeitsbescheinigung(en), welche die genaue Tätigkeit und den Beschäftigungszeitraum enthalten; ein Empfehlungsschreiben des Arbeitgebers, vorzugsweise eine Wiedereinstellungsgarantie nach dem Abschluss des Postgraduiertenstudiums in Deutschland.

## Motivationsschreiben:

Alle Bewerber müssen ein Motivationsschreiben vorlegen, in dem sie ihr Interesse an einem für ihre Tätigkeit relevanten Postgraduiertenstudiengang überzeugend darlegen.

## Bewerbungsformalitäten:

DAAD-Bewerbungsformulare sind auf der DAAD-Webseite abrufbar (siehe 3. „Erforderliche Dokumente“).

**Bitte schicken Sie Ihre Bewerbung ausschließlich direkt an den entsprechenden Studiengang.** Konsultieren Sie die Webseite der entsprechenden Studiengänge, um Angaben zu dem genauen Bewerbungsverfahren (z.B. online Bewerbung), zur Bewerbungsfrist und zu den einzureichenden Dokumenten zu erhalten!

**An den DAAD gesendete Bewerbungsunterlagen werden nicht an die entsprechende Hochschule/den entsprechenden Studiengang weitergeleitet. Diese Bewerbungsunterlagen einschließlich aller Anlagen, Muster etc. gehen ohne Anspruch auf Vergütung in das Eigentum des DAAD über. Eine Rücksendung erfolgt nicht.**

Bewerbungen via E-Mail an den DAAD können für die Auswahl nicht berücksichtigt werden.

Bewerber werden gebeten anzugeben, ob sie in der Lage sind, ihre Lebenshaltungskosten und ihr Studium in Deutschland selbst zu finanzieren oder ob das Studium nur mit Unterstützung des DAAD-Stipendiums absolviert werden kann. Qualifizierte Bewerber, die sich selbst finanzieren können, haben gute Chancen, für einen Postgraduiertenstudiengang zugelassen zu werden.

**Sie können sich für bis zu drei Studiengänge bewerben.** Wenn Sie sich für mehrere Studiengänge bewerben, **geben Sie diese bitte entsprechend Ihrer Prioritäten an und ändern Sie die Prioritäten nicht** in den jeweiligen Bewerbungsbögen!

**Achtung:** Stipendien können nicht ohne das offizielle DAAD-Bewerbungsformular verliehen werden. Viele Hochschulen haben ihre eigenen Bewerbungsformulare, die zusätzlich zu dem DAAD-Bewerbungsformular ausgefüllt werden müssen (siehe Hinweise in den Studiengangsbeschreibungen).

## Bewerbungstermine für DAAD-Stipendien:

Beachten Sie bitte die jeweiligen Fristen der Hochschulen in der Broschüre.

**Zulassung:**

Über die Zulassung zum Studium entscheidet der Studiengang bzw. die Hochschule nach Prüfung der Bewerbungsunterlagen. Die Zulassung durch die Hochschule ist Voraussetzung für die Gewährung eines Stipendiums durch den DAAD. Eine Vorab-Zulassung muss nicht extra von den Bewerbern beantragt werden.

**Bitte beachten** Sie, dass die Stipendiatenauswahl aller in dieser Broschüre aufgelisteten Postgraduiertenstudiengänge von Oktober bis Februar andauert.

### 3. Erforderliche Dokumente für die Bewerbung um ein DAAD Stipendium (in der vorliegenden Reihenfolge)

- DAAD-Bewerbungsformular ([https://www.daad.de/medien/deutschland/stipendien/formulare/forschungsstipendium\\_en.pdf](https://www.daad.de/medien/deutschland/stipendien/formulare/forschungsstipendium_en.pdf))
- **Unterschriebener** Lebenslauf (verwenden Sie bitte die europass-Vorlage unter <http://europass.cedefop.europa.eu/>)
- **Unterschriebenes** Motivationsschreiben (mit Bezug auf die aktuelle berufliche Tätigkeit, maximal 2 Seiten)
- Forschungsvorhaben (falls dies von der Hochschule verlangt wird)
- Akademisches Empfehlungsschreiben aktuellen Datums Ihrer Heimathochschule. Das Schreiben muss eine Unterschrift sowie einen offiziellen Briefkopf und Stempel tragen (**nicht in einem verschlossenen Umschlag**).
- Empfehlungsschreiben des Arbeitgebers. Das Schreiben muss eine Unterschrift sowie einen offiziellen Briefkopf und Stempel tragen (**nicht in einem verschlossenen Umschlag**).
- Arbeitsbescheinigung(en) durch den Arbeitgeber in der Heimat und nach Möglichkeit eine Wiedereinstellungsgarantie nach der Rückkehr in die Heimat.
- Nachweis über Sprachkenntnisse:
  - Englisch – IELTS oder TOEFL (Anmerkung: Der institutionelle TOEFL wird nicht akzeptiert)
  - Deutsch – notwendig für die deutschsprachigen Programme
- Kopien erworbener Hochschulabschlüsse
- Kopien der Notenabschriften
- Kopie des Schulabschlusses
- Bewerber aus der **Volksrepublik China** werden gebeten, ihren Unterlagen das APS-Zertifikat beizufügen.

**Achtung:** Einige Studiengänge können weitere Dokumente anfordern. Ausführliche Informationen entnehmen Sie den detaillierten Beschreibungen entsprechender Studiengänge auf den folgenden Seiten.

**WICHTIG:**

**Unvollständige Bewerbungen werden nicht berücksichtigt.**

**Sie können sich für bis zu drei Studiengänge bewerben. Wenn Sie sich für mehrere Studiengänge bewerben, geben Sie diese bitte entsprechend Ihrer Prioritäten an!**



## Technische Universität Dresden

### Standort

Die Technische Universität Dresden geht auf die 1828 gegründete Technische Bildungsanstalt Dresden zurück; sie gehört damit zu den ältesten technisch-akademischen Bildungsanstalten Deutschlands. Mit rund 37.000 Studierenden, rund 4.200 fest angestellten Mitarbeitern (ohne Medizinische Fakultät) – darunter 419 Professoren – sowie fast 2.000 Drittmittelbeschäftigten (ohne Medizinische Fakultät) ist sie heute eine der größten Universitäten Deutschlands. Bis zur Wiedervereinigung wissenschaftlich von den Natur- und Ingenieurwissenschaften geprägt, entwickelte sie sich durch die Hinzugründung neuer Fakultäten auf den Gebieten der Geistes- und Sozialwissenschaften und der Medizin zu einer Volluniversität. Mit insgesamt 14 Fakultäten bietet sie heute ein wissenschaftliches Spektrum, dessen Breite nur wenige andere Hochschulen in Deutschland aufzuweisen haben.

Die TU Dresden ist eine der elf Exzellenzuniversitäten Deutschlands.

Die Dresdner (über 500.000 Einwohner) und die Besucher aus aller Welt haben Dresden immer für eine einzigartige Stadt gehalten. Dies reflektiert sich im Stadtbild von Dresden, mit Wohnbezirken weltberühmter Architektur und umfangreichen Villenvierteln. Die unendliche Vielzahl von Ereignissen der Kunst und Kultur sowie die wundervolle Lage der Stadt im Elbetal sind Faktoren, die zur ausgezeichneten Lebensqualität in Dresden beitragen. Die Stadt selbst verdankt ihre hervorragende Stellung in Deutschland aber nicht nur ihrer kulturellen Vielfalt, sondern auch ihren modernen Industriean siedelungen sowie den zahlreichen grundlagen- und anwendungsorientierten Forschungsinstituten, die in enger Kooperation mit der Universität zusammenarbeiten und die den Ruf Dresdens als Stadt der Wissenschaften nachdrücklich verdeutlichen.

### Studien- schwerpunkte

Der Masterkurs eröffnet die Möglichkeit einer interdisziplinären Ausbildung, die sich auf den in Deutschland weltweit führenden Textilmaschinenbau und die Herstellung und Verarbeitung textiler Hochleistungswerkstoffe für technische Einsatzgebiete schwerpunktmäßig konzentriert.

Ziel ist ein Absolvent, der das Fachgebiet in seiner Komplexität erfasst, hochinnovative Forschungsfelder kennen gelernt hat und sein erworbenes Fachwissen in seiner künftigen beruflichen Tätigkeit sowie in der Forschung, Lehre und internationalen Zusammenarbeit umsetzen kann.

### Studien- schwerpunkte

Der Absolvent ist befähigt zum Einsatz in technischen Führungsfunktionen der Textil- und Konfektionsindustrie, in den Anwenderindustrien für neue, insbesondere technische Textilien und Textilprodukte (Maschinenbau, Fahrzeugbau, Membranbau, Architektur, Medizin u. a.) sowie in Einrichtungen der Forschung und der forschungsbezogenen Lehre. Die klassische Textil- und Konfektionsindustrie gehört aber nach wie vor zum Einsatzgebiet der Absolventen. Diese bildet eine wichtige Basis für technische Anwendungsfelder.

Der Studiengang eröffnet Studierenden mit einem ersten berufsqualifizierenden Hochschulabschluss aus den Bereichen Maschinenbau, Textilmaschinenbau, Textiltechnik, Textiltechnologie, Konfektions- bzw. Bekleidungstechnik, Konfektions- bzw. Bekleidungstechnologie, Textilchemie und Textilveredlung die Möglichkeit zu einer interdisziplinären universitären Ausbildung mit einem Master-Abschluss, der bei hervorragenden Leistungen zur Promotion befähigt.

Der Studiengang ist forschungsorientiert mit einem extrem hohen Praxisbezug. Die von der Forschung geprägten Lehrinhalte und die auf die Forschung ausgerichteten Master-Arbeiten tragen dem im Besonderen Rechnung.

Die Module Mathematik für Ingenieure, Computeranwendungen im Maschinenwesen, Technische Mechanik, Konstruktionslehre/ Maschinenelemente, Getriebetechnik und Arbeitswissenschaft/ Betriebswirtschaftslehre erweitern und vertiefen die mathematisch-ingenieurwissenschaftlichen sowie betriebswirt- und arbeitswissenschaftlichen Kenntnisse der Studierenden als wichtige Voraussetzung für das Fachgebiet.

Die Module Textile Werkstoffe und Prüftechnik, Verfahren und Maschinen der Textiltechnik, Verfahren und Maschinen der Konfektionstechnik, Textile Produkt- und Prozessentwicklung, Produktionsorganisation und Prozesskontrolle und Wissenschaftlich-methodisches und Expertenseminar erweitern und vertiefen das Fachwissen, insbesondere werden die weltweit neuesten Forschungsergebnisse in verschiedenen Lehrformen vermittelt. Experten aus der Universität und der Praxis halten Vorlesungen und Vorträge zu den aktuellsten wissenschaftlichen Erkenntnissen und technischen Innovationen des Fachgebietes. In den beiden Vertiefungsmodulen werden aktuelle forschungsorientierte Inhalte wahlobligatorisch angeboten, wodurch den Studierenden eine Auswahl nach ihren Interessen verbunden mit ihrer zukünftigen Tätigkeit ermöglicht wird (Textilveredlung, Technische Textilien, Vliesstofftechnik, CAD-Technik usw.).

Im Rahmen der Master-Arbeit bearbeitet der Studierende anspruchsvolle, industrierelevante Aufgabenstellungen aus der aktuellen Forschung des Fachgebietes und/oder deren Anwendungen selbständig und nach wissenschaftlichen Methoden. In Form eines Kolloquiums werden die Ergebnisse dargestellt und diskutiert.

#### Studien- schwerpunkte

Durch den erfolgreichen Abschluss des Studiums erwirbt der Absolvent einen akademischen Grad, der weltweit zur Promotion berechtigt.

Das Masterstudium ist modular aufgebaut und umfasst vier Semester. Es besteht aus 12 Modulen. Das Lehrangebot ist auf die ersten drei Semester und die ersten sechs Wochen zu Beginn des vierten Semesters verteilt. Das vierte Semester ist darüber hinaus über einen Zeitraum von vier Monaten für die Anfertigung der Master-Arbeit vorgesehen sowie für das Kolloquium.

Inhalte und Qualifikationsziele, Lehr- und Lernformen, Voraussetzungen, Verwendbarkeit, Häufigkeit, Arbeitsaufwand sowie Dauer der einzelnen Module sind den Modulbeschreibungen zu entnehmen.

Die sachgerechte Aufteilung der Module auf die einzelnen Semester, deren Beachtung den Abschluss des Studiums in der Regelstudienzeit ermöglicht (zwei Jahre), sowie Art und Umfang der Lehrveranstaltungen sind dem Studienablaufplan zu entnehmen.

Leistungspunkte dokumentieren die durchschnittliche Arbeitsbelastung der Studierenden sowie ihren individuellen Studienfortschritt. Ein Leistungspunkt entspricht einer Arbeitsbelastung von 30 Stunden. In der Regel werden pro Studienjahr 60 Leistungspunkte vergeben, d. h. 30 pro Semester. Inklusive der Master-Arbeit und des Kolloquiums können insgesamt 120 Leistungspunkte erworben werden. Die Module ergeben dabei 100 Leistungspunkte. Für die Master-Arbeit werden 19 Leistungspunkte und für das Kolloquium wird ein Leistungspunkt vergeben.

Leistungspunkte werden grundsätzlich modulweise und nur dann vergeben, wenn die Modulprüfung bestanden wurde. In den Modulbeschreibungen ist geregelt, wie viele Leistungspunkte durch ein Modul jeweils erworben werden können und unter welchen Voraussetzungen dies im Einzelnen möglich ist.

Das Studium ist durch ein sehr gutes Betreuungsverhältnis zwischen Lehrenden und Studierenden gekennzeichnet. Die hervorragende Infrastruktur mit modernster Maschinen- und Anlagentechnik sowie Prüftechnik entlang der gesamten Wertschöpfungskette ist auf dem Fachgebiet nahezu einzigartig in Deutschland und weltweit. Den Studierenden wird die finanziell geförderte Möglichkeit zum Besuch nationaler und internationaler Tagungen und Messen geboten. Dies wird unterstützt durch die Einbettung des Institutes in ein leistungsfähiges internationales Netzwerk des Fachgebietes.

Durch die ausgezeichneten Voraussetzungen für das Studium in diesem Studiengang konnte bisher eine extrem hohe Erfolgsquote bei den Studierenden mit einem DAAD-Stipendium erreicht werden.

<b>Zielgruppe</b>	Fach- und Führungskräfte aus der technischen Ebene, des Managements und des Marketings des Textil- und allgemeinen Maschinenbaus, der Textil, Konfektions- und Bekleidungsindustrie und Experten aus Bildungs- und Forschungseinrichtungen des Fachgebietes sowie aus Ministerien der Entwicklungsländer und Experten der nationalen und internationalen Zusammenarbeit. Für ein DAAD-Stipendium wird vorausgesetzt, dass Sie in den letzten zwei Jahren in derartigen Funktionen tätig waren.
<b>Unterrichtssprache</b>	<p>Aufgrund der wichtigen und innovativen Position der deutschen Textilindustrie und Textilmaschinen sowie der intensiven Forschungsaktivitäten auf den Gebieten der qualitativ hochwertigen Textilien und der technischen Textilien wird der Kurs in deutscher Sprache durchgeführt. Dies ermöglicht es den Studierenden die für das Fachgebiet relevante Literatur, die zumeist in deutscher Sprache publiziert wird, im Original zu studieren. Die interkulturelle Zusammenarbeit in Wissenschaft, Industrie und Bildung wird dadurch ebenfalls gefördert.</p> <p>Im Modul „Wissenschaftlich-methodischen und Expertenseminar“ werden Themen aus innovativen Forschungsfeldern durch die Gastlektoren teilweise in englischer Sprache dargestellt, in Ergänzung zum Studium in deutscher Sprache.</p>
<b>Zulassungsvoraussetzungen</b>	<ul style="list-style-type: none"><li>• ein erster berufsqualifizierender Hochschulabschluss (beispielsweise B.Sc.) auf einem ingenieurwissenschaftlichen Gebiet (in der Regel Maschinenbau, Textiltechnik, Textiltechnologie, Konfektions- bzw. Bekleidungstechnik, Konfektions- bzw. Bekleidungstechnologie) oder mathematisch-naturwissenschaftlichen Gebiet (in der Regel Textilchemie, Textilveredlung) oder einen als gleichwertig anerkannten Hochschulabschluss, einschließlich einer einschlägigen Industrietätigkeit auf dem Fachgebiet des Masterkurses in den letzten zwei Jahren vor der Bewerbung um ein DAAD Stipendium und die zum Zeitpunkt der Bewerbung noch andauert.</li><li>• Zum Studienbeginn sollte der erste berufsqualifizierende Hochschulabschluss in der Regel nicht länger als 6 Jahre zurück liegen.</li><li>• Sprachvoraussetzungen bei Studienbeginn: Minimum: DSH 2 oder TestDaF (Stufe 4) zum Oktober 2018</li></ul>
<b>Abschluss</b>	Master of Science (M.Sc.)
<b>Studienbeginn</b>	Oktober 2018
<b>Studiendauer</b>	24 Monate

<b>Dauer des Deutschkurses vor Beginn des Studiums</b>	Sechs Monate (für DAAD-Stipendiaten)
<b>Bewerbungsfristen</b>	3. Oktober 2017 an der TU Dresden.
<b>Anmerkungen</b>	<p>Der Deutschkurs für die Stipendiaten beginnt zum April 2018.</p> <p>Es ist sehr wichtig, mit dem Erlernen der deutschen Sprache zu beginnen, sobald der Entschluss gefasst wird, einen Antrag auf Zulassung zum Studium und/oder für ein Stipendium zu stellen.</p> <p>Zum Zeitpunkt der Bewerbung sollten Kenntnisse des Niveaus A2 vorhanden sein, bei Beginn des Deutschkurses werden Kenntnisse des Niveaus B1 dringend empfohlen.</p>
<b>Kontakt und weitere Informationen</b>	<p>Technische Universität Dresden Fakultät Maschinenwesen Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik Univ.-Prof. Dr.-Ing. habil. Dipl.-Wirt. Ing. Ch. Cherif oder Dr.-Ing. Kathrin Pietsch 01062 Dresden Deutschland</p> <p>Tel.: +49-(0)351-463-393-00 Fax: +49-(0)351-463-393-01 E-Mail: <a href="mailto:kathrin.pietsch@tu-dresden.de">kathrin.pietsch@tu-dresden.de</a> Website: <a href="https://tu-dresden.de/ing/maschinenwesen/itm/studium/studiengaenge/matk/index">https://tu-dresden.de/ing/maschinenwesen/itm/studium/studiengaenge/matk/index</a></p>





## **Karlsruher Institut für Technologie (KIT), Institut für Regionalwissenschaft (IfR)**

### **Standort**

Die Stadt Karlsruhe liegt in der Oberrheinischen Tiefebene in Baden-Württemberg zwischen dem Schwarzwald auf deutscher und den Vogesen auf französischer Seite. Der fächerförmige Stadtgrundriss weist auf ihre barocke Entstehungszeit (Gründung 1715) hin. Karlsruhe beherbergt gleich zwei Bundesgerichte und gehört zu den wichtigsten Technologieregionen Deutschlands.

Vor allem das breite Spektrum an Angeboten für die höhere Bildung zeichnet die Stadt aus. Das Karlsruher Institut für Technologie (KIT) entstand 2010 aus einer weltweit beachteten Fusion der traditionsreichen Universität Karlsruhe mit dem nationalen Forschungszentrum Karlsruhe.

Aufgrund seines herausragenden Profils in Forschung und Lehre gehört das KIT zu den führenden deutschen Universitäten. Ungefähr ein Fünftel der rund 23.000 Studierenden am KIT sind Nichtdeutsche. Das Institut für Regionalwissenschaft (IfR) am KIT ist seit seiner Gründung 1966 national und international ein wichtiges Zentrum für alle, die in Lehre und Forschung auf dem Gebiet der Regionalwissenschaft und der Raumplanung arbeiten und Strategien für unterentwickelte Regionen entwickeln möchten. Im Rahmen des Masterstudiengangs Regionalwissenschaft/Raumplanung bildet das IfR bereits seit 1970 erfolgreich Postgraduierte aus aller Welt aus.

### **Studien- schwerpunkte**

Viele öffentliche und private Maßnahmen beeinflussen den Raum. Vor allem große Infrastrukturprojekte wie Staudämme, Kraftwerke, Straßen, Bahnstrecken oder neue Stadtviertel gelten als Merkmale eines modernen Staates. Manche dieser Einrichtungen haben jedoch auch unerwünschte Folgen, da ihre vielfältigen Auswirkungen auf den lokalen und regionalen Raum nicht ausreichend berücksichtigt wurden.

Jede Planung und jede öffentliche raumrelevante Maßnahme wirkt sich auch auf die sozialen Systeme, die Ökonomie und das komplexe Wirkungsgefüge der Umweltfaktoren einer Region aus. Nachhaltige Planung bedeutet daher auch die Ermittlung dieser Auswirkungen und ihre Berücksichtigung im Rahmen von sektorübergreifenden, koordinierenden Planungen auf lokaler, regionaler und internationaler Ebene.

**Studien-  
schwerpunkte**

Diesen breiten Ansatz in Forschung und Lehre, der Geo-, Natur-, Geistes- und Sozialwissenschaften vereint, vertritt das Institut für Regionalwissenschaft am KIT. Kernstück der Lehre ist der international ausgerichtete und akkreditierte Masterstudiengang Regionalwissenschaft / Raumplanung, in dem junge Postgraduierte vor allem aus Entwicklungsländern lernen, nachhaltige Strategien zu entwickeln, um soziale, wirtschaftliche, politische und ökologische Probleme in ihren Heimatländern zu bearbeiten. Ein spezieller Fokus liegt dabei auf unterentwickelten Regionen, Naturrisiken und Katastrophenvorsorge. Studierende aus aller Welt haben den Masterstudiengang erfolgreich absolviert und arbeiten heute in Fach- und Führungspositionen nationaler und internationaler Entwicklungsorganisationen, NGOs, politischer Gremien und Bildungseinrichtungen.

Seit 2014 können Studierende im Rahmen des Masterstudiengangs Regionalwissenschaft/Raumplanung zwischen zwei Programmen wählen: dem internationalen Masterprogramm Regionalwissenschaft/Raumplanung am KIT mit Fokus auf unterentwickelte Regionen und dem deutsch-chilenischen Masterprogramm Regionalwissenschaft/Raumplanung mit Fokus auf Naturrisiken und Katastrophenvorsorge in Kooperation mit der Universität Concepción (UdeC), das zu gleichen Teilen in Chile und in Deutschland stattfindet und mit einem Doppel-Mastertitel abschließt. **Dieses Programm wird vom DAAD nicht mit EPOS-Stipendien gefördert.**

**Zielgruppe**

Postgraduierte mit einem Universitätsabschluss in einer raum- oder planungsrelevanten Fachrichtung wie z.B. Raum- und Umweltp lanung, Stadtplanung, Geographie, Ökologie, Soziologie, Volkswirtschaftslehre und anderen zielführenden Fachrichtungen.

**Unterrichtssprache**

Deutsch; im deutsch-chilenischen Masterprogramm: Deutsch und Spanisch

**Zulassungs-  
voraussetzungen**

- Universitätsabschluss mit deutlich überdurchschnittlichen Noten
- zwei Jahre Berufserfahrung erwünscht
- Deutschkenntnisse nach dem Gemeinsamen Europäischen Referenzrahmen für Sprachen: mind. A2 zum Bewerbungszeitpunkt, DSH 2 bis Studienbeginn. Im deutsch-chilenischen Masterprogramm zusätzlich: Spanischkenntnisse auf dem Niveau B2 bis Studienbeginn.

**Abschluss**

Internationales Masterprogramm Regionalwissenschaft/Raumplanung am KIT mit Fokus auf unterentwickelte Regionen: Master of Science der Regionalwissenschaft (KIT). Deutsch-chilenisches Masterprogramm Regionalwissenschaft/Raumplanung am KIT und an der UdeC mit Fokus auf Naturrisiken und Katastrophenvorsorge: Master of Science der Regionalwissenschaft (KIT) und Magíster en Ciencias Regionales (UdeC)

<b>Studienbeginn</b>	Internationales Masterprogramm Regionalwissenschaft/Raumplanung mit Fokus auf unterentwickelte Regionen: Oktober; deutsch-chilenisches Masterprogramm Regionalwissenschaft/Raumplanung mit Fokus auf Naturrisiken und Katastrophenvorsorge: August
<b>Studiendauer</b>	2 Jahre
<b>Dauer des Deutschkurses vor Beginn des Studiums</b>	Sechs Monate für Stipendiaten des internationalen Masterprogramms Regionalwissenschaft/Raumplanung mit Fokus auf unterentwickelte Regionen
<b>Bewerbungsfristen</b>	Internationales Masterprogramm Regionalwissenschaft/Raumplanung mit Fokus auf unterentwickelte Regionen: bis zum 30.10., ein Jahr vor dem geplanten Studienbeginn. Deutsch-chilenisches Masterprogramm Regionalwissenschaft/Raumplanung mit Fokus auf Naturrisiken und Katastrophenvorsorge: bis zum 31.07. im Jahr des geplanten Studienbeginns ( <b>nicht mit EPOS-Stipendien gefördert</b> ).
<b>Anmerkungen</b>	Im Rahmen des internationalen Masterprogramms Regionalwissenschaft/Raumplanung am KIT mit Fokus auf Strategien für unterentwickelte Regionen findet im 3. Semester eine Feldforschungsphase statt. Das deutsch-chilenische Masterprogramm am KIT und an der UdeC mit Fokus auf Naturrisiken und Katastrophenvorsorge findet zu gleichen Teilen in Chile und Deutschland statt.
<b>Kontakt und weitere Informationen</b>	Karlsruher Institut für Technologie (KIT) Institut für Regionalwissenschaft Gundula Marks Kaiserstr. 12 76131 Karlsruhe Deutschland  Tel.: +49-(0)721-6084-2365 Fax: +49-(0)721-6084-2888 E-Mail: <a href="mailto:info@ifr.kit.edu">info@ifr.kit.edu</a> Website: <a href="http://www.ifr.kit.edu">www.ifr.kit.edu</a>

# Vocational Education and Personnel Capacity Building



## Technische Universität Dresden

**Standort** Dresden, die sächsische Landeshauptstadt, liegt im Südosten von Deutschland und hat ca. 500 000 Einwohner. Durch die schöne Lage der Stadt sowie die reichhaltigen Kultur- und Kunstangebote zieht Dresden jedes Jahr eine Vielzahl von Studierenden aus Deutschland und der ganzen Welt an ihre bekannte und traditionsreiche Technische Universität, die seit mehr als 100 Jahren existiert. Zurzeit studieren ca. 36000 Studenten an der größten Universität im Freistaat Sachsen, darunter über 4000 ausländische Studierende. Die TUD ist eine der elf Exzellenz-Universitäten Deutschlands.

**Studien-schwerpunkte** Das Studium entwickelt in den Modulen wissenschaftliche und methodologische Kenntnisse sowie praxisbezogene Qualifikationen bezüglich der Tätigkeitsbereiche der beruflichen Aus- und Weiterbildung und der Personalentwicklung.

Es dient vorwiegend der Befähigung für eine wissenschaftlich begründete, landesspezifische Projektierung, Planung und Gestaltung der beruflichen Aus- und Weiterbildung sowie unternehmensbezogener Personalentwicklung.

### **Pflichtmodule**

- Berufs- und Erwachsenenpädagogische Grundlagen
- Gestaltung von Lehr- und Lernprozessen
- Psychologie des Lernens
- Managementprozesse
- Analyse von Forschung-Produktion-Bildung
- Wissenschaftliches Arbeiten
- Projektierung von Bildungssystemen
- Berufspädagogisches Praktikum
- Masterarbeit

### **Wahlpflichtmodule**

- Personalentwicklung
- Gestaltung von Kommunikationsprozessen
- Qualitätsmanagementsysteme
- Fachdidaktik
- Bildungstechnologie

**Zielgruppe** Spezialisten für die Projektarbeit im Sinne einer Neugestaltung oder Weiterentwicklung des beruflichen Bildungswesens in Entwicklungsländern. Einsatz oder Tätigkeitsfelder der Absolventen sind vorwiegend Schulen der Berufs-, Techniker- und Ingenieurausbildung, Aus- und Weiterbildung in Wirtschaftsunternehmen sowie Behörden der beruflichen Bildung in Entwicklungsländern.

**Unterrichtssprache** Deutsch

<b>Zulassungsvoraussetzungen</b>	<ul style="list-style-type: none"><li>• Naturwissenschaftlich-technischer, wirtschaftswissenschaftlicher oder erziehungswissenschaftlicher Hochschulabschluss</li><li>• mindestens 2jährige einschlägige Berufserfahrung</li><li>• “Deutsche Sprachprüfung für den Hochschulzugang” DSH 2 oder TestDaF 4</li></ul> <p>Die DSH kann in einem 6monatigen Sprachkurs an einer deutschen Hochschule erworben werden, wenn der Bewerber Grundkenntnisse der deutschen Sprache nachweist.</p>
<b>Abschluss</b>	Master of Arts
<b>Studienbeginn</b>	Oktober 2018
<b>Studiendauer</b>	4 Semester, eingeschlossen 2 Praktika von je 4 Wochen und Anfertigung der Masterarbeit (5 Monate)
<b>Dauer des Deutschkurses vor Beginn des Studiums</b>	6 Monate, Kursbeginn April des Jahres, in dem das Studium aufgenommen wird
<b>Bewerbungsfristen</b>	30. September 2017 an der Technischen Universität Dresden, Institut für Berufspädagogik und Berufliche Didaktiken
<b>Kontakt und weitere Informationen</b>	Dipl. Agrar.päd. Kornelia Klöver Technische Universität Dresden Fakultät Erziehungswissenschaften Institut für Berufspädagogik und Berufliche Didaktiken 01062 Dresden Deutschland  Tel.: +49-(0)351-4633-4917 Fax: +49-(0)351-4633-2659 E-Mail: <a href="mailto:kornelia.kloeber@tu-dresden.de">kornelia.kloeber@tu-dresden.de</a> Website: <a href="https://tu-dresden.de/gsw/ew/ibbd/bp/studium/vocational-education">https://tu-dresden.de/gsw/ew/ibbd/bp/studium/vocational-education</a>



## Deutsche Welle Akademie, Universität Bonn und Hochschule Bonn-Rhein-Sieg

**Standort** In der Bundesstadt Bonn haben sich 20 UN-Organisationen und rund 150 Nichtregierungsorganisationen angesiedelt. Mitten im ehemaligen Regierungsviertel bilden der UN-CAMPUS, die Deutsche Welle sowie das World Conference Center Bonn ein Zentrum für internationalen Dialog.

Das jährliche Beethovenfest, der rheinische Karneval und Museen von internationalem Rang zählen zu den Höhepunkten im Kulturleben der Geburtsstadt Beethovens. 32.500 Studierende sind Ausdruck dafür, dass Bonn eine Stadt ist, in der es sich lernen und leben lässt.

**Studien-schwerpunkte** Global denken, lokal handeln. Weltweit Trends erkennen und Netzwerke über Grenzen hinweg pflegen. Journalistisch arbeiten – nicht nur digital, sondern auch crossmedial. Das sind heute die Anforderungen an Journalist/innen und Medienmanager/innen weltweit.

Der bilinguale Masterstudiengang International Media Studies bereitet optimal auf eine Karriere in der Kommunikations- und Medienbranche vor. Experten aus Theorie und Praxis unterrichten auf Deutsch und Englisch Gruppen von maximal 30 Studierenden. Einzigartig ist die Verknüpfung der Disziplinen Medien und Entwicklung, Journalismus, Kommunikationswissenschaften und Medienmanagement.

**Zielgruppe** Mit dem Programm werden Interessenten/innen aus aller Welt angesprochen, die in verantwortlichen Positionen im journalistischen Bereich sowie im Kommunikationssektor arbeiten möchten. Der Masterstudiengang richtet sich an Nachwuchsjournalist/innen sowie an Medienmanager/innen aus Hörfunk, TV, Online, Print und Mitarbeiter/innen aus Kommunikationsbereichen.

### **Angesprochen sind insbesondere:**

- Medienschaffende aus Hörfunk, TV, Online, Print
- Nachwuchsjournalist/innen, insbesondere aus elektronischen Medien
- Journalist/innen und Verantwortliche aus Community-Radios
- Kommunikationsexperten
- Mitarbeitende von NGOs
- Mitarbeitende von Ministerien
- Mitarbeitende in der Entwicklungszusammenarbeit
- Vertreter/innen regionaler Arbeitsgemeinschaften nationaler Rundfunkanstalten
- Vertreter/innen von Medienverbänden

**Unterrichtssprache** Englisch (ca. 70 Prozent) und Deutsch (ca. 30 Prozent)

<b>Zulassungsvoraussetzungen</b>	<ul style="list-style-type: none"><li>• Bachelor oder äquivalent</li><li>• eine mindestens zweijährige berufliche Tätigkeit im Bereich Medien nach Abschluss des Erststudiums für ein Vollstipendium; Für ein Teilstipendium eine mindestens einjährige berufliche Tätigkeit im Bereich Medien nach Abschluss des Erststudiums</li><li>• Nachweis ausreichender Deutschkenntnisse: TestDaF (mind. Level TDN 3 in allen vier Prüfungsteilen), DSH (mind. Level 1), Goethe-Zertifikat (mind. B2) oder Telc (mind. B2)</li><li>• Nachweis ausreichender Englischkenntnisse: TOEFL PBT (mind. 557), TOEFL CBT (mind. 220), TOEFL IBT (mind. 83) IELTS (mind. Band 6.5)</li></ul>
<b>Abschluss</b>	Master of Arts
<b>Studienbeginn</b>	Jährlich im September
<b>Studiendauer</b>	Vier Semester (24 Monate)
<b>Dauer des Deutschkurses vor Beginn des Studiums</b>	Es wird kein Deutschkurs angeboten.
<b>Bewerbungsfristen</b>	31. März bei der DW-AKADEMIE. Bitte beachten Sie, dass ausschließlich <b>Onlinebewerbungen</b> in das Auswahlverfahren aufgenommen werden. Nähere Informationen finden Sie auf unserer Homepage <b><a href="http://www.ims-master.de">www.ims-master.de</a></b> .
<b>Kontakt und weitere Informationen</b>	Prof. Dr. Christoph Schmidt Verwaltungsleiter/Wissenschaftlicher Leiter HA Bildung und Zentrale Dienste DW Akademie Deutsche Welle (DW) Kurt-Schumacher-Str. 3 53113 Bonn Deutschland  Tel.: +49-(0)228-429-2892 Fax: +49-(0)228-429-2890 E-Mail: <a href="mailto:ims@dw.com">ims@dw.com</a> Website: <a href="http://www.ims-master.de">www.ims-master.de</a> <a href="http://www.dw-akademie.de">www.dw-akademie.de</a>

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