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

2022 / 2023

Scholarships in Germany

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With this symbol system based on the range of academic backgrounds you are eligible to apply for the following courses of studies listed up in our table of content.

By pointing out the interdisciplinary nature of the EPOS Courses of studies, it is possible to increase the academic diversity amongst all applicants and helps you to find the course of studies which fits best to your specific academic background.

- Economics
- Development-related sciences
- Engineering (Sciences)
- Mathematics
- Architecture (and related) / Urban Development
- Agricultural Sciences
- Environmental Sciences
- Health-related Sciences
- Education Sciences
- Law
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- Informatics
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- Geography & Geosciences
- Forestry Science
- Social Sciences
- Business Administration

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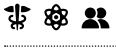

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From among the large number of postgraduate courses offered by German institutions of higher education, the German Academic Exchange Service (DAAD) supports a carefully chosen selection of programmes of particular interest to junior executives from 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 website: **www.daad.de/epos-info**

The courses are open to all eligible candidates. Applications are welcome 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) in their home countries.
- 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.

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 42 months for PhD
- Includes German Universities and 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 2022/2023

2. Prerequisites and Requirements

The Typical Scholarship Holder:

- Is currently working 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 at least two years of related professional experience after the first degree (bachelor) at the time of application.
- His/her academic degrees should normally be no more than six years old.

Language Skills:

- **For study courses in German (scholarship includes a preparatory 6-month German language course in Germany):** Successful passing of the language examination DSH 2 or TestDaF 4 before the start of the study course. Therefore, a minimum German language level of B1 at the time of application is a requirement, that needs to be proven by providing a current certificate.
- **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 B1 Level), even with the preceding six-month intensive course in Germany. Passing the language test is a formal prerequisite for matriculation at the respective 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.[1]

1 The universities are responsible for the content of their specific courses in this booklet.

Proof of current and past work situation:

All applicants must submit proof of at least two years of professional work experience and state their current work situation at the time of application. It is required to 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. They further should describe their development-related motivation and how they intend to make full use of their scholarship and education by taking on social responsibility later in their careers and for their home countries.
IMPORTANT: When applying for more than one postgraduate course (maximum 3 courses), you have to submit one motivation letter explaining why you are applying for these specific courses and why you chose that priority.

!

Application Formalities:

DAAD application forms are available on the DAAD website **(see 3. "Required Documents").**

Applications only 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 or the DAAD-portal 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.

Applicants, who are **living in Germany not more than 15 months at the time of application deadline**, are eligible to apply for a DAAD scholarship as well.

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 (see 7. Choice of host university/institution in Germany) and **do not change the priorities** in the according application form!

When applying for more than one postgraduate course (maximum 3 courses), **you have to submit one motivation letter explaining why you are applying for these specific courses and why you chose that priority**. If this information is ignored, the application cannot be considered or an already awarded scholarship might be withdrawn.

Please note: Scholarships cannot be awarded without the official DAAD application form. Many courses 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 March.

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

- **Personally signed** DAAD application form with current date (www.daad.de/medien/deutschland/stipendien/formulare/forschungsstipendium_en.pdf)
- **Personally signed** CV (**please use the sample europass** form at http://europass.cedefop.europa.eu/) with current date
- **Personally signed** Letter of Motivation (with reference to current occupation and choice of postgraduate programme(s), two pages maximum) with current date.
- **IMPORTANT: When applying for more than one postgraduate course (maximum 3 courses), you have to submit one motivation letter explaining why you are applying for these specific courses and why you chose that priority.**
- Letter of recommendation from your current employer; the letter must have letterhead, the signature and the official stamp and must be of current date (**not in a sealed envelope**)
- Certificate(s) of Employment from the employer(s) that prove a minimum of two years of relevant working experience (after the bachelor degree) at the time of application (with letterhead, signature and stamp) and if possible, a guarantee of re-employment from your current employer 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 (certified translation if necessary)
- Copies of Academic Transcripts, incl. grading-scale (certified translation if necessary)
- 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:
The complete applications have to be submitted in English or German to be considered. Incomplete applications cannot be considered.

4. Application and Selection Procedure

- **Step 1:** You send your complete application(s) directly to the according postgraduate course.
- **Step 2:** A selection committee suggests potential candidates for a DAAD scholarship.
- **Step 3:** The suggested candidates will be contacted by DAAD to upload their complete application to the DAAD Portal.
- **Step 4:** The selection process will be finalized, and the suggested candidates will be informed accordingly.

IMPORTANT:
Make sure that you have a copy of each document of your application ready, as those documents (as PDF files) have to be uploaded to the DAAD Portal in case you are suggested for a DAAD scholarship!

5. Preparatory Language Course

For most of the postgraduate courses (see description of the respective courses) a preparatory German language course of 2 to 6 months prior to the beginning of the courses is part of the DAAD scholarship.

The participation in the preparatory German language course is mandatory!

Master's Programme in International and Development Economics – MIDE

Hochschule für Technik und Wirtschaft (HTW) 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 70 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 a 17-month, full-time programme in the Department of Economics and Law. 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 environmental and resource economics, financial institutions and regional integration. 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.

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.

Course language	The programme is taught entirely in English.
Entry requirements	• Academic degree in Economics, Business Administration or a Social Science with at least 12 courses in Economics and Business Administration, thereof at least three in Economics. The Degree must be equivalent to a three-year Bachelor's degree. To find out whether your degree is equivalent, please contact mide@htw-berlin.de and attach your university transcript to your E-Mail.) • Applicants holding a three-year degree or equivalent should have a minimum of one year of professional experience. Applicants holding more than a three-year degree can be admitted with no professional experience. • Proof of English language skills: TOEFL (580 PBT, 237 CBT, 96 iBT), IELTS (Band 7.0) or equivalent. **You are strongly advised to see the MIDE webpage for details regarding the admission requirements: http://mide.htw-berlin.de/.**
Degree awarded	Master in International and Development Economics (Master of Arts)
Course begins	1 April 2022
Course duration	17 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	31 August 2021 at the University. **Please note: All applicants must complete a MIDE application form (available at http://mide.htw-berlin.de/) and submit their application online.**
For further information contact	Program Manager MIDE Cindy Gottstein University of Applied Sciences Berlin Treskowallee 8 10318 Berlin, Germany **Phone:** +49-(0)30-5019-2867 **Email:** mide@htw-berlin.de **Website:** http://mide.htw-berlin.de/

MSc Development Economics

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 are students, enjoying the international flair and the cultural diversity of the youthful city, rich in tradition, and located in the middle of Germany.

The MSc 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 Business and Economics, 6 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, inequality, behavioural 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 analyse the conditions responsible for stagnation and regress in others. This includes macroeconomic issues such as trade, capital flows, migration and aid, as well as microeconomic issues such as poorly functioning labour, land, technologies, inputs, or credit and

Course focus

insurance markets; cross-cutting issues such as gender inequality, health, environment, or conflict are also critical to understand.

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 (for credit) 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.

Degree awarded

MSc 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.

Course begins

Every semester (October or April) in general, once a year for DAAD program scholarship applicants (October).

Course duration

4 semesters (2 years), full-time

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship)

Application deadline

For DAAD program scholarship applicants:
Oct 1 – Nov 15 2021 for winter term 2022/23

For applicants with own/other funding:
Apr 1 – May 15 2021 for winter term 2021/2022
Oct 1 – Nov 15 2021 for summer term 2022
Apr 1 – May 15 2022 for winter term 2022/23

Remarks

Please make certain to **download the online application form for MA Development Economics under DAAD EPOS scholarship from the university website** during the application window (see above) if you cannot come with own/other funding and follow all application instructions made available online. Please note that applications will now be accepted completely digitally. The online application platform will be available on the university website in the indicated application time frame. All applications that do not fulfil our admission criteria or are incomplete will have to be excluded from further processing. Students who have not filled in the EPOS form of the University of Goettingen and sent in all required application materials cannot be considered for EPOS scholarships.

For further information contact

Maja Marcus
Email: epos-devecon@uni-goettingen.de
Website: www.uni-goettingen.de/masterdevecon

Universität Leipzig

Location

Leipzig University was founded in 1409 and is one of Germany's leading universities when it comes to top-class research and medical expertise. The University consists of 14 faculties with 130 institutes. Around 460 professors and more than 2800 academic staff conduct research and teach at the university. With 155 degree programmes, the university offers a unique variety of subjects. This 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, more than 30,000 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 (1st and 2nd 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 (4th Semester) at the university, which covers the Master thesis preparation and its respective colloquium and follow-up. 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 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.

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, students evaluate, present and discuss their research results. At the end of this process, they submit their Master thesis documenting their research findings.

Target group

The Master programme targets upcoming professionals and resource persons with practical experience in developing and/or promoting 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. 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 2021 at Leipzig University.

Self-financing students: 15 March 2022

Postal address to send application documents

Leipzig University
International SEPT Program
IPF 172515
Ritterstr. 24
04109 Leipzig
Germany

Remarks

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

For further information contact

International SEPT Programme
Ritterstraße 9–13
04109 Leipzig
Germany

Phone: +49 (0)341-97-39762
Fax: +49 (0)341-97-39279
Email: sept@uni-leipzig.de
Website: www.sept.uni-leipzig.de

Development Management

Ruhr-Universität Bochum

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 long 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,
- and the application of theoretical and methodological knowledge.

During their first semester, students get 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.

Course focus	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. 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 re¬search in the scientific debate and communicate it in a clear and coherent way.
Target group	Young professionals from all over the world with a BA or relevant degree and practical experience with relevance to development management.
Course language	English
Entry requirements	• 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 • Career experience in a relevant field • Minimum certified proficiency in written and spoken English: • TOEFL (79–80 iBT equivalent to 213 CBT) or IELTS (Band 6.0)
Degree awarded	Master of Arts in Development Management
Course begins	August 2022 (biannually)
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 2021 at the University for DAAD-EPOS applicants. Applications have to be submitted via an online application platform which can be accessed via the programme's website from January 2021 onwards (www.development-research.org/index.php/study-programmes.html).

Remarks

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.

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.

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.

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.

For further information contact

Institute of Development Research and Development Policy
Ruhr-Universität Bochum
Dr. Anne Siebert
Universitätsstr. 105
44789 Bochum
Germany

Phone: +49-(0)234-32-19024
Fax: +49-(0)234-32-14-294
Email: ieemdm@ruhr-uni-bochum.de
Website: www.development-research.org/

Geography of Environmental Risks and Human Security

Rheinische Friedrich-Wilhelms-Universität Bonn & United Nations University Institute for Environment and Human Security (UNU-EHS)

Location Bonn, Germany

Course focus This two-year Master of Science programme provides postgraduate students with detailed knowledge, critical understanding, strategies and the tools required to take an interdisciplinary approach towards environmental risks and human security. The Master's programme addresses theoretical and methodological debates in geography to better understand the complex emergence of environmental risks and natural hazards, their implications for human-nature relations (vulnerability, resilience, adaptation), and how to deal with them in practice.

The Master's programme offers great visibility and exposure to international organizations, federal agencies, academic and non-academic research organizations, as well as private companies and corporations involved in disaster risk reduction and preparedness, humanitarian aid, international relations, research on climate change, food security, spatial planning, and policy.

The Programme consists of 12 modules (120 ECTS), including introductory lectures, advanced seminars, research exercises, an internship, as well as the Master's thesis. Students conduct about 15 months of studies in Bonn and can afterwards pursue their internship and thesis around the globe.

Upon completion of their studies, students will be able to:

- Understand the diversity of scientific approaches in Physical and Human Geography as well as in related disciplines, focusing on vulnerabilities and environmental risks in the Global South
- Critically engage with a variety of theoretical and methodological debates
- Formulate new research questions and apply the acquired knowledge in the context of international organizations and mechanisms
- Write scientifically, formulate proposals, present academic content and perform project management tasks

Target group A strong motivation to contribute to the area of human security and management of risks related to environmental change is a prerequisite to study in this Master's programme. Applicants should be highly motivated to learn in a multicultural and interdisciplinary environment. Women and applicants from developing countries are strongly encouraged to apply.

Course language English

Entry requirements Applicants must possess a first higher education qualification (Bachelor's degree or equivalent) in Geography or a related/relevant academic field. The majority of all achieved academic performances must be related to the following areas:

- Human Geography or related Social Sciences with a focus on the relations between society & space, human-nature relations, global inequalities & development;
- Empirical research methods;
- Physical Geography, Geosciences and Environmental Sciences with a focus on Earth System Science.

Non-native English speakers must prove proficiency in English language.

Degree awarded Master of Science

Course begins October 2022

Course duration 2 years (4 semesters)

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

Application deadline 15 December 2021. Further details on the application requirements can be found online.

Remarks This English-taught programme offers an in-depth introduction into both theories and concepts, problem-oriented research methods, as well as real life challenges that both academia and international organizations have to deal with.

As a joint master's degree, the 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.

For further information contact

United Nations University – Institute for Environment and Human Security (UNU-EHS)
UN Campus
Platz der Vereinten Nationen 1
D-53113 Bonn, Germany

Department of Geography, Rheinische Friedrich-Wilhelms-Universität Bonn
Meckenheimer Allee 166
D- 53115 Bonn, Germany

Phone: +49-(0)228-815-0288
Email: master-georisk@ehs.unu.edu.
Websites: www.ehs.unu.edu/education/masters
https://www.geographie.uni-bonn.de/studying/during-your-studies/m.sc.-geography-of-environmental-risks-and-human-security

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

Universität Bonn, Zentrum für Entwicklungsforschung (ZEF)

Location

The University of Bonn is 200 years old and is one of the most important research universities in Germany and enjoys an excellent reputation worldwide. This can also be seen in the funding provided to date by the German Research Foundation (DFG) and the German Science Council in the Excellence Initiative of the Federal Government and the Länder. Since 2006, the University of Bonn has recruited a total of two clusters of excellence and two graduate schools. Since August 2019, the University of Bonn belongs to the "Universities of Excellence" in Germany with six clusters of excellence, more than any other university in Germany.

With a student population of 38,000, including around 5,000 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 80 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. Bonn is the only UN city in Germany with 20 UN commissions focusing on the Sustainable Development Goal Agenda 2030.

The Center for Development Research (ZEF) was one of the first international research centers in Bonn in 1997 and its doctoral program, the Bonn International Graduate School for Development Research (BIGS-DR) taught in English, paved the way for further international, development-oriented training programs. In 2019, ZEF made an important contribution to the international profile of the University of Bonn's Excellence Initiative with BIGS-DR. ZEF has built up considerable expertise in research areas like agriculture and land use, water resources and their management, climate change, biodiversity, food and nutrition, health (including One Health), gender, migration, urbanization, governance and conflict, markets, innovation, and science policy. ZEF is consistently top ranked by the University of Pennsylvania as one of the world's leading science and technology think tanks.

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.

Course focus

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.

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 (acting): 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 17 goals of the United Nation's Sustainable Development 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.

Course focus

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.

Course language

English

Target group

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.

Since its inception in 1999, 761 doctoral students from more than 100 countries have participated in BIGS-DR. More than 420 graduates have completed their doctoral thesis at ZEF and 128 of them have been external doctoral students. Currently, 141 students are enrolled in the program.

Entry requirements

Admissions applications involves two steps:

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.
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.

A few important considerations when applying are:

Academic qualification
We require an excellent master's or equivalent degree (GPA higher than 3.0 in the American system, or a grade higher than 2.0 in the German system or equivalent).

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

Entry requirements

Your last academic degree should have been obtained relatively recently prior to application. This guarantees the competitiveness of your application. A gap between your previous academic degree and your application to BIGS-DR means that you should demonstrate how you have maintained your academic rigor (e.g. a longer and current list of publications).

Innovative research idea

Your application must contain a Graduate Research Statement. The statement should describe a development problem you consider interesting and important. Include your main research questions and the proposed methods linked to them and have literature references. The statement should be a maximum of four pages. Your Graduate Research Statement may relate to ZEF's research areas in a broad sense or may address a topic in another development research area. The selection committee will assess all research statements on the basis of originality, analytical rigor, and relevance.

English proficiency

Applicants whose native language is not English are required to provide evidence of English proficiency. The following documents may be submitted as proof of eligibility:

- IELTS Academic (minimum band score of 6)
- TOEFL iBT (minimum of 80 points)
- Other English language certification tests (CPE, CAE).

At the discretion of the BIGS-DR team, applicants who have completed their tertiary studies in English may have the English proficiency requirement waived if evidence can be provided that all courses were conducted entirely in English. Usually, the medium of instruction can be found on the transcript or other official university program documents. Alternatively, applicants may also request a letter from their university directly that attests to the medium of instruction.

Degree awarded

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).

Course begins

Course modules start in October, yearly

Course duration

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 42 months.

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship).

Application deadline

The application deadline for DAAD scholarships for courses starting in the following year is August 31st.

Applicants for other scholarships and self-funded applicants may submit their applications at any time.

The entire application process is digital and involves two steps:

1. Online registration at www.zef.de
2. The application documents should be assembled in the correct order in a single PDF file and uploaded to an application server.

Remarks

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.

The limited number of participants (25 to 30 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)
Dr. Günther Manske
Genscherallee 3
53113 Bonn
Germany

Phone: +49-(0)228-73-1794, -1727
Fax: +49-(0)228-73-1839
Email: bigs-dr@uni-bonn.de
Website: www.zef.de

Hochschule Rhein-Waal, Campus Kleve (Rhine-Waal University of Applied Sciences, Campus Kleve)

Location

Rhine-Waal University of Applied Sciences offers an innovative and international academic atmosphere combined with first-rate teaching and over 30 interdisciplinary bachelor's and master's degree programmes, the majority of which are taught in English. Our two brand-new campuses, which are located in the heart of Kleve and Kamp-Lintfort, feature state-of-the-art facilities, equipment, laboratories and technology for students to use in their studies and research. Rhine-Waal University of Applied Sciences is committed to excellence in research in engineering, technology, the natural and social sciences, and is home to some 7,000 students hailing from over 100 different nations. It is located in the scenic Lower Rhine between the economic hub of the Rhine-Ruhr metropolis and the Netherlands. Here you'll find beautiful landscapes, safe cities and countless leisure and sport activities for students and families all year round. What's more, we're located very close to three international airports in Amsterdam, Düsseldorf and Weeze, which means we're easily accessible by air from nearly every continent.

Course focus

Sustainable Development Management M.A. integrates and connects various sections of economics and political science with the most relevance for sustainable development. These components are then supplemented with empirical methods and project management skills. This unique combination imparts to you the qualifications needed to help shape not only academic discourse on sustainable development, but also ongoing and future projects in the field. Courses are aligned with the typical project cycle, meaning you will learn how to successfully plan and implement sustainable development projects as well as critically evaluate the results.

This guarantees that our graduates are highly valuable assets for employers in both the public and private sector. The overall aim of the programme is to train future professionals, who are enabled to play a part in the implementation of the 17 sustainable development goals, thereby contributing to create a more equitable and sustainable world.

The international atmosphere and the mix of students from developing and developed countries enhances students' intercultural and diversity management skills while they learn from each other. Moreover, the course design ensures that students have the chance to participate and conduct research in an actual development project during their studies.

Course focus

The regular duration of study for this programme is three semesters. The first two semesters serve to impart advanced economics and political science approaches relevant to the issue of sustainable development and empirical methods. In the second semester, students gain profound knowledge of international law aspects as well as project management methods and evaluation in development cooperation. In both semesters, the possibility is given to bring one or more specific topics into focus by participating in elective courses.

The third semester serves the purpose of writing the master's thesis, which can also be done as part of a specific development project. In preparation for the thesis, a research project is carried out within the field of applied development cooperation.

Target group

Graduates in social sciences, economics and industrial engineering with an interest in sustainable development.

Course language

English

Entry requirements

- A professionally qualifying first degree in a related field, i.e. economics, social sciences, or engineering with a focus on industrial engineering and management, with a German grade of 2.5 or higher or an ECTS grade of A or B.
- If an applicant has earned a first degree in a programme that consisted of less than 210 ECTS points or had a standard period of study of less than seven full-time semesters, then said applicant may be admitted to this programme of study on a provisional basis with the stipulation that he or she must successfully complete the missing bachelor-level requirements during his or her master's studies. In this case, the Examination Board and the applicant will conclude a formal learning agreement, which states the scope of the missing ECTS points and specific modules which are to be completed.
- English language skills at level B2 according to the Common European Framework of Reference are required. Please be aware that all applicants' test report form numbers will be checked. The following certificates are accepted: IELTS and TOEFL.

Degree awarded

Master of Arts

Course begins

Every summer and winter semester (i.e. March and September) for self-funded students. For DAAD scholarship holders only in winter semester.

Course duration

3 semesters full-time (1,5 years) / In case of learning agreement 4 semesters full-time (2 years)

Duration of German language course prior to beginning of programme

German language skills are not required for studying, however free German courses are offered at the university.

A two-month German language course is compulsory for students awarded a DAAD scholarship. This language course takes place before the start of studies in September.

Application deadline

October 1st, 2021 for DAAD-EPOS applicants (for winter semester 2022/2023). Applications can only be submitted during the EPOS application phase between September 1st and October 1st.

To all other applicants the regular Master's application deadlines January 15 (summer semester) and July 15 (winter semester) apply.

Remarks

Applications have to be submitted via uni-assist, which can be accessed via the programme's website. There is no need to submit hardcopies; all documents must be uploaded as scans to uni-assist. Apart from the application documents listed in the preface, it is advised to upload a module handbook/course descriptions of the completed bachelor's degree programme to uni-assist. Please note that uni-assist requires an administrative fee. This fee must be paid by all applicants; including scholarship applicants.

For further information contact

Course coordinator Sustainable Development Management
Rhine-Waal University of Applied Sciences
Faculty of Society and Economics
Marie-Curie-Str. 1
47533 Kleve

Phone: +49-(0)2821-806-73-9722
Email: SDM-FGO@hochschule-rhein-waal.de
Website: https://www.hochschule-rhein-waal.de/en/faculties/society-and-economics/degree-programmes/sustainable-development-management-ma

Hydro Science and Engineering

Technische Universität Dresden

Location

Technische Universität Dresden is one of only eleven German universities distinguished as a "University of Excellence" since 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 worlds 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 and climatology / hydrology, plus 4 modules out of six: hydromechanics, hydraulic engineering, ecology, hydrochemistry, soils and geodesy. It is strongly recommended to choose topics missing in previous education and training.

Course focus	For advanced courses, students choose modules corresponding to 50 credits from among the following options: 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 & Water Treatment (5cr), Treatment Plant Design (5cr), Urban Water (10cr), Biotechnology (5cr), Flood Risk Management (20cr), Climate Systems and Climate Modelling (5cr), Internship (5cr). In addition, a study project (10cr) is required.
Target group	Graduates in natural or environmental sciences or engineering disciplines (For DAAD applicants, two years of professional work experience are required.).
Course language	English
Entry requirements	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: • IELTS: required level band 6.5, minimum 6.0 in all categories • TOEFL: required level minimum score 100 IBT • Other tests of equivalent standards showing evidence of C1-level according to the European Reference Framework are accepted.
Degree awarded	Master of Science (M.Sc.) in Hydro Science and Engineering
Course begins	October 2022
Course duration	24 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	For DAAD-EPOS applicants: 15 October 2021 at TU Dresden.
Remarks	Professional experience is not essential for the course but treated as an additional criterion. For DAAD-EPOS applicants, 24 months of professional employment are required.

For further information contact

Technische Universität Dresden
Faculty of Environmental Sciences
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Study Course Coordinator

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Technische Universität 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.

Course focus

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.

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.

Course focus

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.

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 worldwide 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.
- 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) or Telc Deutsch C1 Hochschule for October 2022 (presentation of min. C1-level certificate in September 2022 at the latest otherwise the enrolment certificate cannot be issued)

Degree awarded Master of Science (M.Sc.)

Course begins October 2022

Course duration 24 months

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

Application deadline 1 October 2021 at the University.

Remarks A six-month German course begins early April 2022. 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 B1 (B1 certificate) are required. In addition, German language courses at level B1/B2 are highly recommended.

For further information contact

Technische Universität Dresden
Fakultät Maschinenwesen
Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik
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Master of Engineering in "Energy and Environmental Management in Developing Countries" (formerly SESAM)

Europa-Universität 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 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 has been 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 24-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.

A pre-semester in autumn will supplement the students' qualification within economics, research methods, and academic writing. A German language course is offered accompanying the course, compulsory for DAAD scholarship holders.

The specialisation is made up of two subject areas, closely interconnected. Renewable Energy and Energy Planning includes engineering aspects of the transition towards sustainable energy systems, while Energy Economics, Business Economics and Project Management look at the economic facets of making this transition happen.

The compulsory modules "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 in International Development Cooperation". An optional module on "International Organisations and Development Strategies" allows students to specialise.

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)

Target group
Engineers of all disciplines with work experience in the energy sector

Course language
English

Entry requirements
BEng or equivalent university degree after a minimum of four years of studies.

- Professional experience of at least two years in a field related to the course focus.
- Proficiency in the English language: TOEFL (80 iBT), IELTS (Band 6) or equivalent.

Degree awarded
Master of Engineering (Industrial Engineering) in Energy and Environmental Management

Course begins
In September

Course duration
24 months, including a mandatory pre-semester

Application deadline
Please find all current application deadlines on the course website: www.uni-flensburg.de/de/eem/admission/

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

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Interdisciplinary Institute for Environmental-, Social- and Human Sciences
EEM in Developing Countries
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Website: www.uni-flensburg.de/eem

Water Resources and Environmental Management – WATENV

Leibniz Universität 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, engineering and consulting companies as well as national and international organisations and development cooperation 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, Statistics and Informatics, Hydrological Modelling, Hydraulics, Ecology, Environmental Economics, Solid Waste Management, Environmental & Coastal Management, Environmental Data Analysis, Hydropower Engineering, etc., students can chose from a range of further elective courses, and are trained in field work, as well as soft skills required for successful scientific work.

The research-oriented course is accompanied by an optional 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

Entry requirements

- B.Sc. or equivalent university degree after a minimum of four years of university education with above average results
- Proof of English language proficiency level C1 based on the Common European Framework of Reference for Languages (CEFR)

Detailed information about entry requirements can be found in the admission regulations:
www.uni-hannover.de/en/studium/vor-dem-studium/bewerbung-und-zulassung/voraussetzungen-zum-studium/zugangsordnungen/

Degree awarded

Master of Science (M.Sc.)

Course begins

In October (winter semester) each year

Course duration

Two years (1.5 yrs. in-class, 0.5 yrs. Master's thesis)

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship)

Application deadline

For DAAD scholarships:
30 September at the University of Hannover (directly to WATENV office!) for intake in the subsequent year

For self-financed students:
15 January at the University of Hannover for the intake in winter semester (October)

Remarks

Submitted documents will not be returned.

Applicants submitting their documents for a DAAD scholarship will also have to apply online at the university until January 15th.

For DAAD scholarship holders, a mandatory German language course begins 2 months prior to the WATENV studies

For further information contact

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Water Resources and Environmental Management – WATENV
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Universität 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: www.uni-oldenburg.de.

The growing city of Oldenburg with a population of 170,000 is located near the North Sea and the Netherlands – more information at 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 (e.g. Renewable energy project, summer laboratories and modelling, etc.) and the possibility to obtain specialized knowledge in one area of your interest (see elective modules below). 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

- Physical Principles of Renewable Energy Converters (6 CP)
- Fundamentals for Renewable Energy (6 CP)
- Energy Recourses and Systems (6 CP)
- Solar Energy (6 CP)
- Wind Energy and Storage (6 CP)
- Sustainability of Renewable Energy (6 CP)
- Renewable Energy Complementary Topics (6 CP)
- Renewable Energy Systems Laboratory & Modelling (6 CP)
- Elective Modules (12 CP):
- Wind Energy
- Solar Energy
- System Integration of Renewable Energy
- Renewable Energy Project (9 CP)
- Internship Module (9 CP)
- Resilient Energy Systems (6 CP)
- Water and Biomass Energy (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) • English: TOEFL (81 iBT) or IELTS academic (Band 6.0) – certificate.
Degree awarded	Master of Science (M.Sc.)
Course begins	October 2022
Course duration	24 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	For DAAD scholarship: 15 October 2021 – online application at www.uol.de/en/ppre/application For self-sponsoring (or other scholarships): 15 January 2022 – online application at www.uol.de/en/ppre/application
Remarks	• 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. • A detailed list of required documents is provided at www.uol.de/en/ppre/application • A practical training of approx. 2 months duration is to be taken during the M.Sc. programme • Applications must be submitted in English • Tuition fee of 1000 Euros per term for self-sponsoring students
For further information contact	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 **Email:** ppre@uol.de **Website:** https://uol.de/en/ppre/

Photogrammetry and Geoinformatics

Hochschule für Technik Stuttgart

Location

In the heart of Europe, surrounded by beautiful countryside lies the vibrant and fascinating city Stuttgart, the state capital of Baden-Württemberg. Stuttgart is the economic, cultural and social centre of a region with more than 2.7 million inhabitants. Not far away and worth a visit are the Black Forest, Swabian Alb and Lake Constance.

The University of Applied Sciences (UAS) locates in the city centre of Stuttgart. The UAS looks back at a long history with a rich tradition in engineering education since 1832.

Course focus

The M.Sc. course Photogrammetry and Geoinformatics 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 cutting-edge techniques to practice, under various technological conditions.

Focussing on aerial imagery processing, you will be trained photogrammetric technology on modern digital workstations: from scanning, automated aero-triangulation and acquisition of digital elevation models, to orthoimage generation and topographic and thematic mapping. Gaining experience in dealing with alternative data sources, such as high-resolution remote sensing satellites as well as radar and airborne laser scanning, completes the modern photogrammetric education.

The key topics in the field of geoinformatics are 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 (GIS), design and handling of various 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.

Target group

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

Target group
makers or project engineers in the acquisition, administration and use of geodata in the context of geoinformation systems, photogrammetry and remote sensing.

Course language
English

Entry requirements
- Bachelor degree in Geodesy, Geography, Civil Engineering, Agriculture, Forestry or corresponding degrees of other professions applying geodata or spatial related technologies.
- Recommendation: at least two years of competent professional experience.
- English language skills – verification of proficiency:
  - TOEFL-Test: computer based minimum 213 points, paper based minimum 550 points, internet-based minimum 79 points, or
  - IELTS-Test: Band 6,0 or higher.

Degree awarded
Master of Science (M.Sc.) in Photogrammetry and Geoinformatics

Course begins
Every year in October

Course duration
18 months (two semesters and six months supervised study with Master's thesis)

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

Application deadline
15 October

Remarks
- Applications must be submitted in English.
- A good mathematical background and good computer skills are required.
- In addition to the official DAAD application form, candidates are required to submit a particular application form for the Master's programme, which is available at the course website.
- The study course is accredited by ASIIN, the Accreditation Agency for Study Courses in Engineering, Informatics, Natural Science and Mathematics.

For further information contact
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Email: master-pg@hft-stuttgart.de
Website: https://www.hft-stuttgart.com/geomatics/master-photogrammetry-and-geoinformatics

Master's Program Infrastructure Planning

Universität 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, theatres and events, offer a vivid cultural life. Stuttgart is a good choice for international students, as they account for more than 20 percent of the total number of 25,000 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 12 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.

Course focus

Modules offered in the Master's Program MIP include:
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

Target group

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.

Course language

English. Excellent command of English is essential from the beginning of the program. Basic knowledge of German has to be acquired throughout the program in mandatory German classes offered by the University.

Entry requirements

- Bachelor (minimum 6 semesters, some countries 8) or equivalent in civil engineering, architecture, urban planning or related fields.
- English; TOEFL (550 PBT, 213 CBT, 79 iBT) or IELTS (Band 6.0)

Degree awarded

Master of Science (M.Sc.)

Course begins

Every year in October

Course duration

Four semesters

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship, starting in August 2022)

5 weeks (for self-financing students, starting September 1st, 2022

Application deadline

Applications for admission to the program in Winter Semester 2022 and for funding by DAAD scholarship:

- 01 August 2021 to 30 September 2021, **online application only** at the University of Stuttgart (no hardcopies accepted).

Applications as a self-financing student (private funding without scholarship) for admission to the program in Winter Semester 2022:

- 01 August 2021 to 15 February 2022, **online application only** at the University of Stuttgart (no hardcopies accepted).

Remarks

Annual admission for the Winter Semester only.

Online application in the university system "C@MPUS" only.

TOEFL or IELTS Test of English proficiency is mandatory for all applicants. For self-financing students, a mandatory German course starts on September 1, 2022.

A limited quota of single rooms in student dormitories is available, but accommodation for families cannot be arranged.

An administrative and social fee of 200 EUR per semester is charged by the University of Stuttgart and the Federal State of Baden-Württemberg is charging a tuition fee of 1500 EUR per semester for international students, detailed information can be found on the MIP-homepage.

For further information contact

University of Stuttgart, Master's Program Infrastructure Planning
Dipl.-Ing. Elke Schneider, Course Director
Pfaffenwaldring 7
70569 Stuttgart

Phone: +49-(0)711-685-66558
Fax: +49-(0)711-685-66582
Email: elke.schneider@mip.uni-stuttgart.de
Website: www.mip.uni-stuttgart.de
www.uni-stuttgart.de

Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE)

Universität Stuttgart

Location

The University of Stuttgart with its 26,000 students is a full university and a member of TU9 (association of the 9 leading technical universities in Germany). It offers a wide variety of Bachelor and Master degrees with focus on science and engineering. With more than 20% international students, it is one of Germany's universities with the largest international student population.

The university is situated in one of Europe´s most vibrant commercial and industrial regions with many global employers such as Daimler, Bosch and Porsche having their headquarters in the immediate vicinity of the city. The city of Stuttgart is the capital of the German state of Baden-Württemberg. It is its largest city and an attractive place to live. It offers a wide variety of cultural and social events, sports and recreational facilities within the city and the neighbouring countryside. Its location in the heart of Europe and in close proximity to Switzerland, Austria, Luxemburg and France facilitates travelling to other attractive European places.

Course focus

Societies throughout the world are subjected to a progressive shortage of natural resources. The resulting environmental challenges lead to a gradual shift from a "throw-away society" to a "circular economy". Their solution requires engineers and scientists with a multidisciplinary education who are able to respond to the resulting environmental pressure by monitoring air and water pollution, managing residual solid waste and ensuring environmental integrity, resilience and sustainability.

The M.Sc. WASTE program at the University of Stuttgart provides a curriculum that helps the students to develop their individual professional profile in the environmental sector. The program educates students as international engineers with a profound knowledge in state-of-the-art environmental and process technologies. It is designed to be completed within four semesters. It covers air quality control, solid waste and waste water control and treatment technologies based on the fundamentals of process engineering. The individual study plan enables students to organise their studies in line with their own interests to a rather broad or a rather more specialist education. The taught courses can be complemented by more practical aspects such as excursions to companies and industrial and municipal facilities, lab classes, internships and project work in industry and/or at university.

The international profile of the M.Sc. WASTE program is strengthened by its direct cooperation with the Universidade Federal do Paraná in Curitiba, Brazil.

Course focus

A double degree programme has been established and students may choose to take their second year in Brazil studying "Meio Ambiente Urbano e Industrial" (Urban and Industrial Environment). Upon successful completion, students are awarded the Master of Science degrees from both universities.

Target group

The Master of Science Program WASTE addresses students with a background in Chemical, Civil, Environmental, Mechanical or Process Engineering who intend to work for locally or internationally operating companies, the public sector or research institutes anywhere in the world. The program educates students to engineer creative solutions to the environmental challenges in the fields of Air Quality Control, Solid Waste and Waste Water Process Engineering.

Course language

The language of instruction is English. German classes up to German level A2 are compulsory. Electives taught in German can be selected if the student's German proficiency permits.

Entry requirements

- A bachelor´s degree (or an equivalent degree) in Chemical, Civil, Environmental, Mechanical, Process Engineering or in a related field.
- English language requirements: TOEFL (213 CB, 550 PB, 79 iBT), IELTS (academic, Band 6.5), Cambridge English Proficiency (CPE)-Note C, Cambridge English Advanced-Note B, or equivalent English test no older than two years. If the complete education has been conducted in English, this requirement may be waived.
- German language requirements: level A1. Admission without this level can still be achieved by participating in the German intensive language courses in September (free of charge) offered by the University of Stuttgart.

Degree awarded

Master of Science (M.Sc.)

Course begins

In October

Course duration

Four semesters

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD EPOS scholarship)

5 weeks (admitted self-financed students who do not fulfil the German language requirements Basic User A2, have to attend the German intensive language courses in September)

Application deadline

Application to the program for the winter semester 2022/2023 for self-financed students (private funding without scholarship):

- between 15 November 2021 to 15 February 2022, online application through the University of Stuttgart

and for students applying for the DAAD EPOS scholarship:

- between 1 August 2021 to 30 September 2021, online application through the University of Stuttgart

Remarks

The application for the M.Sc. WASTE program needs to be conducted online through the C@MPUS application portal of the University of Stuttgart. In addition, a postal submission of selected documents to the M.Sc. WASTE Office is required. Detailed information about the admission requirements and the application procedure can be found on the M.Sc. WASTE homepage.

DAAD EPOS scholarship holders are exempt from tuition fees. All other international students who are not citizens of an EU/EEA country have to pay tuition fees of 1,500 € per semester which is charged by the Federal State of Baden-Württemberg. An additional administrative semester fee of currently 200.4€ is charged by the University and has to be paid by all students. On-campus housing can be arranged for most M.Sc. WASTE degree students.

For further information contact

University of Stuttgart, WASTE Office
Dr.-Ing. Carolina Acuña Caro, Course Director
Pfaffenwaldring 23
70569 Stuttgart

Phone: +49-(0)711-685-68947
Email: cd-waste@ifk.uni-stuttgart.de
Website: www.waste.uni-stuttgart.de/
www.uni-stuttgart.de

Natural Hazards and Risks in Structural Engineering – NHRE

Bauhaus-Universität 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 position.

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

Entry requirements

The minimum qualification of admission to this programme is normally a "Bachelor of Science" degree in Civil Engineering, or equivalent professional qualification with a final grade of 2.5 (acc. to German system) or better. The Examination Committee must ensure that the candidate's prior degree is equivalent to that of the B.Sc. programme in Civil Engineering. If not, the Examination Committee may attach additional conditions for admission, which the candidate must meet. In such cases, candidates are not legally entitled to gaining admission to the programme.

Proof of English language proficiency level B2 by submitting either:

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
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:
   - TOEFL (Internet-based Score 85 or better). The (TOEFL) institution code for the Bauhaus Universität-Weimar is 8968.
   - Cambridge Certificate First Certificate in English (FCE)
   - IELTS, vol. 6.5 (min. 6.0 in each sub-section) or other equivalent certificate.

Degree awarded

Master of Science in Natural Hazards and Risks in Structural Engineering

Course begins

October (winter semester)
Next intake: 1st October 2022

Course duration

Two years

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship)

Application deadline

15 October of the year prior to start at the University.

Remarks

In addition to the official DAAD application form, candidates are required to submit an online application for Bauhaus University.

Online application (for Bauhaus University) and help concerning application procedure are available at:

https://weimar.gomovein.com/locallogin/5873933e547cd0744f8b4567/eng

For further information contact

Bauhaus-Universität Weimar
Faculty of Civil Engineering – NHRE
Dr.-Ing. Silke Beinersdorf
Marienstraße 13B
99421 Weimar

Phone: +49-(0)3643-584581
Fax: +49-(0)3643-584590
Email: nhre@bauing.uni-weimar.de
silke.beinersdorf@uni-weimar.de
Website: www.uni-weimar.de/nhre

PhD Programme "Mathematics in Industry and Commerce" – MIC

Technische Universität Kaiserslautern

Location

The TU Kaiserslautern, founded in 1970, 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 library 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 42 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 (differential equations, stochastics, financial mathematics, optimisation, computer algebra, etc.) to model technological, economic and ecological problems. Computer-oriented numerical methods 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
- Partial Differential Equations
- Mathematical Control Theory
- Optimisation
- Mathematical Modelling and Scientific Computing
- Stochastic Control and Financial Mathematics

Target group

Mathematicians interested in the application of theoretical results to real world problems

Course language	English
Entry requirements	• Excellent M.Sc. degree (or equivalent) in mathematics • English: TOEFL (540 PBT, 207 CBT, 76 iBT) or IELTS (Band 6) – certificate
Degree awarded	Doctor rerum naturalium (Dr. rer. nat.)
Course begins	October, an introductory German language course starts in August
Course duration	42 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	15 January at the TU Kaiserslautern.
Remarks	Applicants are required to submit a particular course application form, which is available from the webpage of the Graduate School.
For further information contact	Technische Universität Kaiserslautern Fachbereich Mathematik Graduate School "Mathematics as a Key Technology" Postfach 30 49 67653 Kaiserslautern Germany **Phone:** +49-(0)631-205-3246 **Fax:** +49-(0)631-205-2048 **Email:** grad_school@mathematik.uni-kl.de **Website:** www.mathematik.uni-kl.de/MIC

Urban Management – UM

Technische Universität Berlin

Location

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.

Course focus

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, substandard housing conditions for the urban poor, inadequate decision making and local planning systems.

Target group

Professionals already working in the field of urban planning, architecture, landscape architecture, civil engineering, administration, etc.

Course language

English

Entry requirements

- Bachelor's degree or equivalent in an urban development-related field
- At least two years of practical experience in a field related to urban management
- TOEFL (213 CBT, 550 PBT, 79 iBT) or IELTS (Band 6)

Degree awarded

Master of Science in Urban Management

Course begins

October 2022

Course duration

18 months

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship)

Application deadline

Application deadline for DAAD scholarship:

31 August 2021 at the Berlin University of Technology

The DAAD can award no more than three scholarships for this degree programme.

30 April every year at the Berlin University of Technology for self-financing students

For further information contact

Faculty VI
Sekr. 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
Website: www.urbanmanagement.tu-berlin.de

SPRING – Regional Development Planning and Management

Technische Universität Dortmund

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 Master programme SPRING in 1984.

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 Spatial Planning and Social Sciences, Ardhi University (ARU), Dar es Salaam, Tanzania;
- the Faculty of Economic and Administrative Science, Universidad Austral de Chile (UACh), Valdivia, Chile (not applicable for DAAD scholarship-holders)
- Engineering, Modeling and Applied Social Sciences Center, Universidade Federal do ABC (UFABC), Sao Paulo, Brazil.

Course focus

The SPRING programme combines teaching in development theories and strategies, planning concepts and methods, and implementation and monitoring tools with practice-orientated field studies aimed at elaborating regional development plans and programmes in Africa, Asia and Latin America. The programme content is oriented by the specific socio-economic problems in the developing world. SPRING places its emphasis on development management at an intermediate level (e.g. district) between macro-regional and community-based planning. Development planning is seen as a problem-oriented management tool with the following objective:

- to identify development problems, trends, resources, constraints and potentials;
- to formulate development objectives, policies and strategies;
- to design plans and programmes;
- to assess environmental impacts of plans and programmes;
- to organise target group participation and decision-making processes;
- to apply instruments for programme implementation and management and
- to evaluate and monitor plans and programmes.

SPRING – Regional Development Planning and Management

Course focus	SPRING graduates are skilled to collect, process, analyse, interpret and compile social and economic data; to understand and critically reflect concepts and theories underlying spatial development and planning; to project key social and economic indicators into the future; to translate target group requirements into land use plans, projects and programmes; to understand at least the basics of all major sectors of regional development; to have a good command of planning, group facilitation and conflict resolution techniques; to critically appraise processes of spatial development at all levels against the backdrop of globalisation, accelerated urbanisation and climate change impacts; to design and conduct planning-oriented empirical research; to write clear reports, manuals and memos.
Target group	Practitioners in regional and urban planning and its respective administration
Course language	English
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
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	2 months (for students awarded a DAAD scholarship)
Application deadline	For DAAD scholarship applicants: 1st of October at TU Dortmund University for intake in the subsequent year. For applicants with own financial recourses or other scholarships: 1st of May at TU Dortmund University for intake in the same year.

Remarks

The SPRING Programme 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 planning. In the second year, students are free to choose a specific focus (urban planning, sustainable development planning and management, climate change adaptation and disaster risk reduction and management in regional planning, environmental economics in planning) and continue their studies at one of the SPRING network partnering universities. After successful completion graduates receive a transcript and a certificate jointly signed by the respective universities.

SPRING graduates are regional development planners and managers who are employed in the public sector at central, regional or local government levels, private sector, NGOs and international organisations. About 750 graduates from over 70 countries have completed the programme so far. They hold now leading positions in such diverse fields as teaching and research, regional development and urban planning as well as in national ministries and in the development sector.

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
Website: www.spring-master.net

Master of Science Integrated Urbanism and Sustainable Design – MSc. IUSD

Universität 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, theatres and events, offer a vivid cultural life. Stuttgart is a good choice for international students, as they account for more than 20 percent of the total number of 25,000 students at the University of Stuttgart, which is amongst the highest ratios at German universities.
Course focus	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.
Target group	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.
Course language	English
Entry requirements	Open to applicants from all over the world with an internationally recognized Bachelor's degree in architecture, urban planning, landscape architecture, regional planning or civil engineering. 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.
Degree awarded	MSc. IUSD
Course begins	Mid of October in Stuttgart
Course duration	4 Semesters

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship)

Application deadline

The application deadline (EPOS) is in the year before the program start. The program only starts in the winter semester.

Please visit the website for details:
www.iusd.uni-stuttgart.de/application/

The application is conducted as an online process. Applications, submitted by post or email, cannot be considered.

For further information contact

IUSD Office University of Stuttgart
Keplerstr. 11
70174 Stuttgart
Deutschland

Phone: +49-(0)711-6858-3370
Email: info@iusd.uni-stuttgart.de
Website: www.iusd.uni-stuttgart.de

IUSD Office Ain Shams University

Phone: +202-2466-2361
Email: iusd@eng.asu.edu.eg
Website: www.iusd-program.net

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

Rheinische Friedrich-Wilhelms-Universität Bonn

Location

With a student population of 37,000, 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. Since August 2019, the University of Bonn is part of the selected few "universities of excellence" in Germany. Bonn is headquarters to a large number of international institutions including the GIZ and numerous 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.

  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.

Course focus	• In the second semester, students intensify their knowledge by choosing at least five from a catalogue of 20 modules in two elective specialisation areas: a) ecosystem and b) molecular and physiological, approaches to resource management. • The third study semester, under the theme "from knowledge to action", prepares students to translate research questions into projects. Activities comprise seminars on scientific communication, research planning and proposal writing 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
Degree awarded	Master of Science (M.Sc.)
Course begins	October
Course duration	24 months (four semesters) technical courses, practical, project seminar and thesis research.
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship). German language tutoring continues throughout the first study year.

Application deadline

For DAAD scholarship applicants:
15 September in the year before study begin at the University of Bonn

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)

Application documents

- ARTS application form (www.arts.uni-bonn.de/Application/arts-application-form-1)
- CV
- 2-3 pages scientific research proposal
- English language certificate
- Two letters of recommendation by employers or professors
- Degree (authenticated hard copy)
- Academic transcript (authenticated hard copy)
- Motivation letter

Remarks

Except for the general administrative and student registration fees of about € 290 per semester, there are no additional fees (i.e., for tuition). The estimated monthly cost of living in Bonn is about € 850.

For further information contact

University of Bonn, Faculty of Agriculture
ARTS-Secretariat
Nussallee 1
53115 Bonn
Germany

Phone: +49-(0)228-73-3364
Fax: +49-(0)228-73-2619
Email: arts@uni-bonn.de
Website: www.arts.uni-bonn.de

Technische Universität Dresden (TUD)

Location

TUD is one of the largest and most dynamic universities in Germany. In fact, since 2012 the TUD is amongst the eleven German Universities of Excellence, an award which has been renewed in 2019. It holds a complete curriculum with 18 faculties and 122 disciplines, with 11,300 employees and about 33,000 students.

The Department of Forest Sciences of TU Dresden is located in Tharandt, a picturesque small town close to Dresden, surrounded by forests. Higher education in forestry in Tharandt looks back on more than 200 years; the tradition of tropical forestry dates back to the 1930s.

Master students usually prefer to stay in one of the various student hostels in Dresden, with a frequent and rapid (20 min.) train connection to Tharandt.

The institutes, lecture rooms and labs are located 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 qualifies future executives, scientists and 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 meet the standards required for careers in governmental and nongovernmental organisations, as well as enterprises on national and international levels.

The course 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. The field work for the Master research is conducted on a topical research question in a country of the Global South.

The Master's course comprises a total of 16 interdisciplinary modules, of which 8 are obligatory. They are conducted with lectures, seminars, exercises, e-learnings, webinars, discussions, 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 of attendance studies (12 modules) and one semester of field work and the 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 include:

- 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 include:

- 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 include:

- 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 comprises the 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
Entry requirements	• Degree (B.Sc.) in forestry science or other subjects relevant to the • postgraduate course • At least two years of career experience after the B.Sc. degree • English certificate, minimum levels: TOEFL 550 PBT, 80 iBT points or IELTS (minimum band 6.5) or a Certificate of English as medium of instruction at the former university
Degree awarded	Master of Science (M.Sc.) in Tropical Forestry
Course begins	October 2022
Course duration	24 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	**Intake 2022 for a DAAD scholarship:** 30 October 2021 directly via the Chair of Tropical Forestry at TUD **Intake 2022 for other applicants (self-financed):** 30 May 2022 (non EU-citizens), or 15 July 2022 (EU-citizens) via TUD online portal SELMA
Remarks	• The Master's course was re-accredited by ASIIN in 2014. • Since 2006, the ERASMUS Mundus Programme Sustainable Tropical Forestry (www.SUTROFOR.eu) has been integrated in the Master's course. • A two-month German language course for DAAD students is provided from August to September. • Application documents must be submitted in English.
For further information contact	Technische Universität Dresden Faculty of Environmental Sciences Department of Forest Sciences Institute of International Forestry and Forest Products Chair of Tropical Forestry 01062 Dresden Germany **Phone:** +49-(0) 351-463-31851 **Fax:** +49 (0) 351-463-31820 **Email:** tropentutor@mailbox.tu-dresden.de **Website:** https://tu-dresden.de/bu/umwelt/forst/inter/tropen **Facebook:** "Tropical Forestry" **Blog:** https://tropicalforestry.wordpress.com/

IPPAE: International PhD Program in Agricultural Economics, Bioeconomy and Rural Development

Justus-Liebig-Universität Giessen and Universität 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 its extraordinarily broad range of subjects ranging from anglistics to veterinary medicine via agricultural economics. In addition, the 28,000 students of JLU Giessen build up an ever-growing student community which makes Giessen the city with the highest student ratio of all university towns in Germany. This singles out JLU Giessen as a key player in the region with approximately 30% international doctoral students and 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 make JLU 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 approximately 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 all 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

The IPPAE 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 candidates, 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. We are interested in topics pertaining to the entire agricultural sector, as well as to rural areas and development. In view of the rising importance of the bio-based economy (bioeconomy), research proposals in this field are also welcome.

Prior to the IPPAE program, candidates are required to participate in a compulsory German language course organised by DAAD. While developing their full research proposals during the first winter semester, the candidates have to complete at least three topical or methodological courses.

Course focus

Candidates are encouraged to tailor this learning semester by registering for additional courses that specifically help them to prepare for their thesis. The programme also provides opportunities for the acquisition and training of soft skills. The central focus of this programme is placed on an empirical, problem-solving orientation. PhD candidates are supported in the collection of empirical data during a semester-long field work period in their countries of origin or other developing countries. Overall, the IPPAE aims to qualify the candidates as researchers, lecturers, and practitioners, who are capable of analysing problems and designing solutions for developing countries. Many of IPPAE's successful graduates occupy leading positions in major international organisations, 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 the completion of the programme in Giessen or Hohenheim.

Target group

Young scientists from developing and emerging countries (see DAC-List of ODA Recipients by OECD) who already have acquired professional experience. Applications from universities and national and international research institutions are invited; yet applications from M.Sc. degree holders employed in government, administration, consultancies, international agencies, and in the industry are equally welcome.

Course language

English

Entry requirements

- Master's degree or equivalent in agricultural economics or related science is required with a minimum grade of A or B
- TOEFL with a minimum of 90 iBT, IELTS 6.5, minimum 233 points computer-based, 577 points paper-based.

Degree awarded

Dr. sc. agr. (Ph.D.)

Course begins

1st of October each year

Parts and duration of the course

42 months

1. **Course work** (five months) at Giessen or Hohenheim. Minimum requirement: three modules and exams which are relevant to the thesis topic. Additionally, candidates can join various courses both at the host universities as well as other German universities, for instance in the context of the national German PhD programme in agricultural economics.
2. **Research design** (about six months), literature review, development of theoretical foundations, conceptual framework and research design; preparation of fieldwork.

Parts and duration of the course

3. **Field work in the home country** (six to nine months). Ph.D. candidates 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. A supervisor from Giessen/Hohenheim commonly visits the home country of the Ph.D. candidate at the beginning of the fieldwork.

4. **Analysis, Writing of Dissertation and Examination** (about twenty months). After returning to the University of Giessen/Hohenheim, IPPAE candidates analyse their data using advanced methods of quantitative or qualitative analysis and write their thesis. Special emphasis is placed on policy implications of practical relevance. During this period, the candidates 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.

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship)

Application deadline

31st of October each year

Applicants can apply directly at the University of Giessen or Hohenheim. It is possible to apply at both universities simultaneously – in this case an application must be place separately by the candidate to both institutions.

Applications can only be submitted via IPPAE online application forms in the website of the respective universities. Please consult the websites of the PhD programmes (see below) to read specific guidelines for the application. For specific questions contact the programme coordinators at the University of Giessen or Hohenheim mentioned below.

In addition to the documents required by the DAAD for the application to EPOS programmes, the IPPAE programme requires the candidates to hand in:

A Research topic and research proposal (5–8 pages), which will be used to identify a supervisor at Giessen/Hohenheim University (structure

Application deadline

of the proposal: introduction, problem statement, objectives, state of the art, study area, methods of data collection and analysis, expected results, references).

Note that a letter of acceptance by a supervisor from Giessen or Hohenheim University is **not required** for the application under this programme.

Remarks

The selection of candidates is further subject to faculty-specific criteria and the availability of a supervisor.

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. Proficiency in the English language 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

Prof. Dr. Martin Petrick
Institute for Agricultural Policy and Market Research
Professorship of Agricultural, Food and Environmental Policy
Justus-Liebig-Universität Giessen
Senckenbergstr. 3
35390 Giessen
Germany

Phone: +49-(0)641-993-7051
Email: IPPAE-info@agrar.uni-giessen.de
Website: www.uni-giessen.de/ippae

Prof. Dr. Regina Birner
University of Hohenheim
Institute of Agricultural Sciences in the Tropics (Hans-Ruthenberg-Institute)
Chair of Social and Institutional Change in Agricultural Development (490C)
Wollgrasweg 43
70599 Stuttgart
Germany

Phone: +49(0)711-459-22514
Fax: +49(0)711-459-23812
Email: phd_daad@uni-hohenheim.de
Website: https://490c.uni-hohenheim.de/phdprogramme

Tropical and International Forestry (TIF)

Georg-August-Universität 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, forestry, 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.

* The M.Sc. study track Tropical and International Forestry (TIF) is part of the M.Sc. study programme Forest and Ecosystem Sciences (FES).

Target group

Graduates in forestry or other related disciplines (e.g. agriculture, biology, ecology, botany);

Course language	English
Entry requirements	• Degree (B.Sc.) in forestry or other subjects relevant to the postgraduate course • English: TOEFL (81 iBT) or IELTS (Band 6)
Degree awarded	Master of Science (M.Sc.)
Course begins	October 2022
Parts and duration of the course	24 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	For DAAD scholarships: 31 October 2021 at the University of Göttingen (for winter semester 2022/23); Otherwise: 15 March 2022 for non-EU citizens (for winter semester 2022/23) Note: no summer semester intake anymore
Remarks	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 under: https://www.uni-goettingen.de/en/624583.html
For further information contact	For more information about the Master's course Tropical and International Forestry, please visit our website: www.uni-goettingen.de/fes or contact: Prof. Dr. Ralph Mitlöhner Büsgenweg 1, 37077 Göttingen ,Germany **Phone:** +49-(0)551-39-33657 **Email:** rmitloe@uni-goettingen.de **student tutor:** tiftut@gwdg.de For more information about **the Faculty of Forest Science and Forest Ecology:** www.forst.uni-goettingen.de For more information about **the University of Göttingen:** www.uni-goettingen.de

Agricultural Economics – AgEcon

Universität 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 9,000 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 Palace 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 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.

Entry requirements	• 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). • Completion of an online pre-test (more information on the programme website)
Degree awarded	Master of Science in Agricultural Sciences, Major in Agricultural Economics
Course begins	October of each year
Course duration	24 months
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	For DAAD applicants: 15 December 2021 at the University of Hohenheim. Otherwise: 15 March 2022 for non-EU nationals 15 July 2022 for EU nationals
Remarks	In addition to the official DAAD application form, candidates are required to fill out the online application which is available at www.uni-hohenheim.de/agecon The application is done online, it is not necessary to send any documents by postal mail. More information at www.uni-hohenheim.de/en/agecon-scholarships The state of Baden-Württemberg has introduced tuition fees for Non-EU students of 1.500 € per semester. However, nationals from an African, Caribbean, or Pacific state or a Least Developed Country studying the AgEcon programme are exempt from the fee, as well as all DAAD scholarship holders, regardless their nationality.
For further information contact	AgEcon Programme Coordinator University of Hohenheim (300) Fruwirthstr. 16 70593 Stuttgart Germany **Phone:** +49-(0)711-459-23305 **Email:** agecon@uni-hohenheim.de **Website:** www.uni-hohenheim.de/agecon

M.Sc. Marine Biology – International Studies in Aquatic Tropical Ecology (ISATEC)

Universität Bremen

Location

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.

Course focus

ISATEC is a specialisation track embedded in the M.Sc. Marine Biology programme and 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.

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.

Target group

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.

Course language

English

Entry requirements

Prerequisites for foreign and German students are:

- The academic degree "Bachelor of Science" in biological or environmental sciences,
- with an overall grade of at least 2.5 according to the German grading scheme (1.0 equals "excellent", 2.0 "good", 3.0 "satisfactory", 4.0 "sufficient", and 5.0 "fail"). Grades from international applicants will be converted to the German grading scheme by the university administration,
- Proficiency in English (level C1, Common European Framework of Reference for Languages) for non-native speakers.

Applications are carried out via an online application system and must be submitted online at: https://moin.uni-bremen.de

M.Sc. Marine Biology – International Studies in Aquatic Tropical Ecology (ISATEC)

Degree awarded	Master of Science in Aquatic Tropical Ecology
Course begins	October 2022
Course duration	24 months (four terms)
Duration of German language course prior to beginning of programme	2 months (for students awarded a DAAD scholarship)
Application deadline	For DAAD scholarship: 15 October 2021 at the University of Bremen. For applicants with own financial resources: 30 April 2022 at the University of Bremen. Applications are carried out via an online application system and must be submitted online at: https://moin.uni-bremen.de
Remarks	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. Students are invited to join the low-cost, extensive social and sport activities of the University of Bremen. 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. Currently, there are no tuition fees for this course other than the standard enrolment fees at the beginning of each semester (approx. 390 EUR ≈ 460 US$). The DAAD's EPOS programme offers individual scholarships to participants from developing countries for the ISATEC track of the M.Sc. Marine Biology.
For further information contact	University of Bremen FB 02 / ISATEC Leobener Str. / NW 2, 28359 Bremen, Germany **Email:** isatec@uni-bremen.de **Website:** www.uni-bremen.de/en/isatec

Tropical Hydrogeology and Environmental Engineering – M.Sc. TropHEE

Technische Universität 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, operation centres of the European Union (ESOC, ESA) 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 19 per cent of the approximately 25,000 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 Hydrogeology and Environmental Engineering in the framework of international development cooperation.

The programme includes two lines of specialisation, one being Geoscience-oriented (Hydrogeology) and one being Engineering-oriented (Environmental Engineering). Depending on their choice of specialisation, students can choose from a large number of elective modules. Subjects in Geosciences include Geology, Rocks and Minerals; Hydrogeology, Hydrochemistry; Soil and Unsaturated Zone; Clay Mineralogy; Sedimentology; Geophysical Methods; Isotope and Tracer Techniques; Groundwater Modelling; Remote Sensing and Statistics; and Geo-Information Systems (GIS). Subjects with an engineering focus are Integrated Water Resources Management; Water Supply, Drinking Water, Water Treatment, Waste Water Treatment; Applied Microbiology; Geothermal Energy; Sustainable Waste Management and Life Cycle Assessment Application. Compulsory modules include a field trip to a semiarid region, a period of practical work (scientific training), a seminar on scientific writing and on project work.

Target group

Geoscientists, environmental scientists and civil engineers with focus on water issues, who would like to acquire additional skills in hydrology, engineering geology and/or environmental management of tropical and subtropical regions.

Course language

English

Entry requirements	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. Applicants should hold a Bachelor's degree in Applied Geosciences; or a Bachelor's degree in Civil or Environmental Engineering with sound knowledge in natural science (mathematics, chemistry, physics) of minimum 15% of the credits of the Bachelor's degree and basic knowledge in geosciences (minimum one course). Moreover, the topic of the bachelor thesis must be from the geoscience field or from the field of water and environmental research. For details please refer to the study regulations. The Bachelor's degree must have entailed four years of studies and the university that conferred the degree must be acknowledged by TU Darmstadt.
Degree awarded	Master of Science
Course begins	Every year in October
Course duration	Two years
Duration of German language course prior to beginning of programme	A German language course is not required; however, students are encouraged to attend German courses offered by the university. 2 months (for students awarded a DAAD scholarship)
Application deadline	For the TropHEE programme: 15th January of the year in which the student wants to start her/his studies For DAAD applicants: 30th September (date of receipt at the university). Deadline refers to the year before students intend to start the programme.
For further information contact	Institute of Applied Geosciences Technische Universität Darmstadt TropHEE office Schnittspahnstraße 9 64287 Darmstadt Germany **Phone:** +49-(0)61-51-16-23625 **Email:** trophee@geo.tu-darmstadt.de **Website:** www.trophee.tu-darmstadt.de

Environmental Governance – MEG

Albert-Ludwigs-Universität 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 (230,000 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;

Course focus

Managing – The provision of methodological knowledge and skills for the context-sensitive design and management of environmental governance processes.

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.

Target group

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.

Course language

English

Entry requirements

- 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

Required documents:

- online application form,
- previous degree certificates and education transcripts, from high school and university (officially authenticated copies),
- a curriculum vitae (signed and dated),
- a motivation letter (following the guideline)
- two letters of recommendation, one academic and one professional (following the guidelines)
- English language certificate: TOEFL (100 iBT) or IELTS (Band 7.0).

For more details and links to guidelines please check www.meg.uni-freiburg.de/admissions/Howtoapply

Degree awarded

Master of Science (M.Sc.)

Course begins

Beginning of October every year

Course duration

24 months

Duration of German language course prior to beginning of programme

2 months (for students awarded a DAAD scholarship)

Application deadline

15 October 2021

All documents must be uploaded online (by October 15) at application portal of the University of Freiburg (MEG). The online application portal will be open from September 2021. In case of admission all documents have to be presented in paper upon matriculation, in September 2022.

Remarks

An internship of seven weeks is required during the course.
The programme is accredited by ACQUIN in accordance with international standards.

For further information contact

Esther Muschelknautz
Faculty of Environment and Natural Resources
Albert-Ludwig University, Freiburg
Tennenbacher Straße 4
D-79106 Freiburg
Germany

Phone: +49-(0)761-203-3607
Fax: +49-(0)761-203-3600
Email: info-meg@unr.uni-freiburg.de
Website: www.meg.uni-freiburg.de

Landscape Ecology and Nature Conservation – LENC

Universität 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 10,000 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

In this strongly transdisciplinary programme you will acquire in-depth knowledge of the contents and methods of 'Landscape Ecology and Nature Conservation' and develop competencies for solving complex research tasks independently. Furthermore, you will learn to analyse and evaluate problems of landscape ecology, ecosystems or nature conservation from different points of view. The programme, which mainly covers natural science (environment and ecology), is supplemented by contents of landscape economics and environmental ethics. A substantial proportion of elective modules allow for high individuality and flexibility of your study content and study schedules.

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 for Ecology, Sustainability and Conservation (ANESCo) supports the integration of LENC alumni into an internationally cooperating experts network.

The curriculum imparts theoretical knowledge as well as practical experiences and skills. 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,

Course focus
Peatlands and Palaeoecology, Ecology & Protection of Ecosystems in the Southern Hemisphere & the Tropics, Geographical Information Systems 2, Advanced Field Skills, Modern Languages, Internship

Target group
The LENC programme is targeting at upcoming professionals from all over the world, coming from "developing" as well as "developed" countries. LENC graduates can pursue a career in landscape and nature conservation research, national and international nature conservation organisations and associations, landscape planning and consultancy offices, environmental and nature conservation administration or private companies.

Course language
English

Entry requirements
- Bachelor of Sciences or a comparable degree in an environmental-related discipline as landscape ecology or bio-, agricultural or forestry sciences. Special applicants will be approved in individual cases.

Applications for a DAAD-EPOS scholarship must be sent via email to the LENC coordination office for international applicants at Greifswald University (see contact address below).

For application instructions see:
https://biologie.uni-greifswald.de/en/teaching/study-courses-leading-to-a-master-of-science-degree/msc-landscape-ecology-and-nature-conservation/

Degree awarded
Master of Landscape Ecology and Nature Conservation (M.Sc.)

Course begins
Beginning of October every year

Course duration
24 months

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

Application deadline
- For DAAD-EPOS scholarship applicants: 15 December 2021, at Greifswald University / LENC Coordination Office
- Application period for self-financed applicants: between 1 October 2021 and 1 March 2022, through uni-assist.de

For further information contact
Dr. Tiemo Timmermann, LENC Coordination – international
Institute of Botany and Landscape Ecology, Soldmannstr. 15,
D-17489 Greifswald

Phone: +49-(0)383-4420-4112
Email: tiemo@uni-greifswald.de
Website: https://biologie.uni-greifswald.de/studium-und-lehre/msc-studiengaenge/msc-landscape-ecology-and-nature-conservation

Technische Hochschule Köln, Faculty of Spatial Development and Infrastructure Systems, Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)

Location

With over 26,000 students in 12 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 4,000 foreign students of 120 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 specialization 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, Master Thesis Preparation

Modules of the catalogue "Natural Resources Management NRM":
Land Use Systems and the Environment, Soil Management, Farming Systems Economics, Ecosystem Management and Conservation, Public Services and Housing Provision, Ecological and Social Risks, Food Security, Resources Efficient Buildings and Quarters, Urban Regional and Community-Based Management, Water Energy Food Security Nexus

Course focus

Modules of the catalogue "Integrated Water Resources Management IWRM":
Water Resources Management, Hydrology, Hydraulic Structures, Water and Agriculture, Water Economics and Governance, Watershed Management, Water Supply, Sanitation and Public Health, Water Scarcity and Drought, Flood Management, Water System Analysis

Modules of the catalogue "Renewable Energy Management REM":
Energy Resources and Energy Systems, Bioenergy and Geothermal Energy, Energy Efficiency and Environment, Photovoltaic and Solar Thermal Systems, Energy Policy Legislation and Management, Energy Economics and Markets, Wind Energy and Hydropower, Decentralized Energy Systems

Elective Modules "Methods and Tools":
Scientific Work and Research Methods, GIS and Remote Sensing, Statistics, Eco-Balancing and Decision Support Systems, Empirical Social Research Methods, Economic Evaluation Methods, Environmental Assessment, Environmental Monitoring, Entrepreneurship

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 interdisciplinary and across traditional industrial sectors.

Course language

English

Entry requirements

- undergraduate degree (at least B.Sc. or equivalent) in a suitable field, earned at a state or a state-recognized institution of higher education with a final cumulative grade of "satisfactory (3.0 according to the German grading system)" or better along with the proof of a program-related aptitude

Entry requirements

- proof of successful passing of a minimum of 15 ECTS of relevant study courses within your previous university study program to the respective master program The examination board of the ITT reserves the right to decide on such cases.
- English proficiency – TOEFL internet-based test 79; IELTS 6.0
- Motivation letter (1 page in English)
- Research idea (2 pages in English), it should fulfil the scientific writing criteria
- It is highly recommended that applicants for a DAAD scholarship show basic German language skills (A1/A2 level). Chinese applicants are required to submit an APS Certificate
- for further information consult: www.rem-master.info; www.iwrm-master.info/; www.nrm-master.info/

Degree awarded

Master of Science (M.Sc.)

Course begins

Winter term (September)

Course duration

24 months

Duration of German language course prior to beginning of programme

2 months (for students awarded with a DAAD scholarship)

Application deadline

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 of each year at UNI-ASSIST (www.uni-assist.de)

Remarks

- Applications must be submitted in English.
- A preliminary German course for DAAD scholarship holders begins in August.
- Field research abroad for a period of about three months forms part of the master's thesis.

For further information contact

Faculty of Spatial Development and Infrastructure Systems
Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)

Ute Hecke, Betzdorfer Straße 2, 50679 Cologne

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Fax: +49-(0)221-8275-2736
Email: info-nrm@th-koeln.de
info-iwrm@th-koeln.de
info-rem@th-koeln.de
Website: www.tt.th-koeln.de
www.nrm-master.info
www.iwrm-master.info
www.rem-master.info

Integrated Water Resources Management – IWRM MSc Joint Exchange Program with focus on Middle East and Northern Africa Region

Technische Hochschule Köln, Faculty of Spatial Development and Infrastructure Systems, Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) and German Jordanian University (GJU), Jordan

Location

TH Köln is Germany's largest University of Applied Sciences with over 26,000 students and 440 professors, and with 4,000 foreign students of 120 nationalities studying at 12 faculties. The wide range of subjects yields excellent opportunities for interdisciplinary projects and cooperations.

The ITT is an applied research and teaching institute within the Faculty of Spatial Development and Infrastructure Systems at TH Köln with a problem oriented and stakeholder centred 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 German-Jordanian University (GJU) is a public university located in Mushaqar. It was founded in 2005. GJU recognizes research and research-led teaching as primary responsibilities of its academic staff and places value on fostering, publishing, and disseminating research of the highest quality internationally. The University's mission, goal, and strategy statements reflect this strong emphasis on the importance of quality research. We provide lifelong learning opportunities for a diverse spectrum of people, capitalizing extensively on partnerships with private companies and public agencies in the region.

The School of Natural Resources Engineering and Management (SNREM) vision is to be Jordan's leading research and teaching School with a reputation for excellence in scholarship and industrial cooperation, and to achieve regional recognition in the fields of Energy, Water, and Environment Engineering, in both worlds of research and academia.

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, 3 project-based learning modules, Master Thesis Preparation

Modules from the catalogue "Integrated Water Resources Management IWRM":
Water Resources Management, Hydrology, Hydraulic Structures, Water and Agriculture, Water Economics and Governance, Watershed Management, Water Supply, Sanitation and Public Health, Water Scarcity and Drought, Flood Management, Water System Analysis

Elective Modules "Methods and Tools":
Scientific Work and Research Methods, GIS and Remote Sensing, Statistics, Eco-Balancing and Decision Support Systems, Empirical Social Research Methods, Economic Evaluation Methods, Environmental Assessment, Environmental Monitoring, Entrepreneurship

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, interested in the MENA region, have high potential to deepen their knowledge in Integrated Water Resources Management and acquire management and leadership skills.

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.

Course language

English

Entry requirements

- Bachelor degree
  (minimum grade of 3.0 according to the German system)
- English proficiency – TOEFL internet-based test 79; IELTS 6.0
- Motivation letter (1 page in English)
- Research proposal (2 pages in English);
  it should fulfil the scientific writing criteria
- DAAD scholarship is explicitly for applicants interested to work in a water related sector after their studies
- for further information consult: www.iwrm-master.info/iwrm-mena

Degree awarded

Master of Science (M.Sc.) –
TH Köln: Master of Science "Integrated Water Resources Management"

Course begins

Winter term

Course duration

24 months

The 1st and 2nd semester in Cologne

The 3rd semester is held at the German Jordanian University near to Madaba (Obligatory semester exchange)

The 4th semester (Master Thesis) with thematic focus on MENA region under joint supervision of both university partners. It includes a field research stay abroad in the MENA region.

Duration of German language course prior to beginning of programme

2 months (for students awarded with a DAAD scholarship)

Application deadline

For DAAD scholarship applicants:
31st January each year

For international non-scholarship applicants:
31st March each year

For non-scholarship applicants with German nationality:
10th June each year

All the applications should be submitted in digital form at ITT via e-mail to info-iwrm@th-koeln.de

Remarks

- Applications must be submitted in English.
- A preliminary German course for DAAD scholarship holders begins in August.
- Field research abroad for a period of about three months forms part of the master's thesis.

For further information contact

Faculty of Spatial Development and Infrastructure Systems
Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)

Ute Hecke
Betzdorfer Straße 2
50679 Cologne

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Fax: +49-(0)221-8275-2736
Email: info-iwrm@th-koeln.de
Website: www.iwrm-master.info/iwrm-mena

Environment and Resources Management (ENREM) – Focus Latin America

Technische Hochschule Köln, Faculty of Spatial Development and Infrastructure Systems, Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) and Autonomous University of San Luis Potosi (UASLP), Programa Multidisciplinario de Posgrado en Ciencias Ambientales (PMPCA), Mexico

Location

TH Köln - University of Applied Sciences is Germany's biggest University of Applied Sciences with over 26,000 students and 440 professors, and with 4,000 foreign students of 120 nationalities studying at 12 faculties. The wide range of subjects yields excellent opportunities for interdisciplinary projects and cooperation.

The ITT is an applied research and teaching institute within the Faculty of Spatial Development and Infrastructure Systems at TH Köln with a problem oriented and stakeholder centred 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 15 faculties, one schools, four coordination offices, one department, 12 research institutes and two academic units for different and specific areas. Both, undergraduate and graduate studies are available in each faculty. To date, UASLP is offering 197 undergraduate and graduate programs to about 32,523 students.

The Multidisciplinary Postgraduate Program for Environmental Sciences (PMPCA acronym in Spanish) of 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 Centre 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.

Course focus

This calls for specialists and leadership with integrated and trans-disciplinary approaches in managerial, economical, technical and governance to understand and find effectively solutions to these problems for a sustainable development. For bilateral and multilateral cooperation between 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 a local and global context and at the same time provide their work experience and regional knowledge to the mutual learning and intercultural environment. These experts are able to analyse and solve complex environmental problems in their specific socio-cultural and political contexts, given the technical and economic potentials of both of the regions Latin America and Germany.

Content

- Core modules: Environmental Problems and Management, Sustainable Development, Ecology, Statistics, Natural Resources Economics and Governance, 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. Ecological and Social Risks Management, Urban, Regional and Community Based 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" e.g. Scientific Work and Research Methods, GIS and Remote Sensing, Empirical Social Research Methods, Eco-Balancing, Economic Evaluation Methods, Environmental Assessment, Environmental Monitoring
- A maximum of three elective modules can be chosen from the catalogues of the adjoining master programs "Renewable Energy Management REM" and "Integrated Water Resources Management IWRM"

Targeted employers are industry, 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 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 open for applicants of all nationalities, who are highly motivated to work in an international cooperation with Latin America and Germany and are fluent in Spanish and English.

Course language

Spanish and English

Entry requirements

- Bachelor degree.
- A relation to environmental management, either by studies or professional working experience
- Minimum grade of 8.0 based on the Mexican grading system or equivalent
- Language Proficiency Certificate (English and Spanish)
  - English: TOEFL internet-based test 79, IELTS 6,0
  - Spanish: Applies to applicants from nationalities that do not have Spanish as their mother language
- Motivation letter (1 page)
- Project idea (2 pages: description of research interest for master thesis according to the field research of PMPCA and ITT); it should fulfil the scientific writing criteria
- for further information consult: www.enrem-master.info

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 in San Luis Potosí, Mexico

Course duration

24 months
The 1st and 2nd semester in San Luis Potosí,
The 3rd semester in Cologne and
The 4th semester (Master Thesis) is conducted within a period of four months, including field research stays abroad in the Latin American and Caribbean region

Application deadline

For scholarship and non-scholarship applicants:
31st January of each year.

All required documents should be submitted in digital form at ITT and PMPCA via E-mail to both E-Mail addresses:
info-enrem@th-koeln.de and pmpca.enrem@gmail.com.

Remarks

- Applications must be submitted in English.
- Further funding possibilities: CONACYT (see: www.enrem-master.info)

For further information contact

Faculty of Spatial Development and Infrastructure Systems
Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)

Ute Hecke
Betzdorfer Straße 2
50679 Cologne

Phone: +49-(0)221-8275-4148
Fax: +49-(0)221-8275-2736
Email: info-enrem@th-koeln.de
Website: www.enrem-master.info

Master of Science in International Health (Berlin)

Charité – Universitätsmedizin Berlin, Freie Universität Berlin and 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 nearly 200,000 students enrolled in 15 universities and research facilities. Charité – Universitätsmedizin Berlin, dating back to 1710, is the unified medical faculties of Freie Universität Berlin and 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.

Content

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.

Course focus

Structure

Offered since over 20 years now, the Master's programme in International Health is a modular degree programme for full-time or part-time studies consisting of an introductory core course, advanced modules, proof of one year of relevant professional experience and a research project submitted as a thesis. The core course is divided into three modules: concepts & 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 Charité – Universitätsmedizin Berlin. Further advanced modules can be selected from a list of more than 120 courses offered by the tropEd partner institutions (see course catalogue at www.troped.org). The course offering includes distance and e-learning modules. Relevant professional experience means health-related working experience in low- and middle-income countries. If relevant professional experience was gained already prior to the studies, it can be recognised.

Quality Assurance

A peer-reviewed quality assurance process within the tropEd Network guarantees highest standards in education and training. The programme is regularly evaluated through Charité's internal quality assurance system which has been accredited (system accreditation) by the German Accreditation Council. The programme has furthermore 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.

Duration / ECTS Credits

The regular duration of the Master's programme in International Health at the Institute of Tropical Medicine and International Health at Charité – Universitätsmedizin Berlin is two years (fulltime). The programme however can be completed within one year (full-time) if students have gained the required relevant professional experience already prior to the start of the Master's programme. Also part time studies are possible. A total of 90 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.

Target group

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, public health, social scientists, health educators and health managers.

Course language

English

Entry requirements

For DAAD scholarship applicants:

1. Completion of a 4-year Bachelor or equivalent degree in a health-related field, e.g. medicine, public health, biology, educational sciences, psychology, sociology, anthropology, epidemiology, nutrition, health economics;
2. Two years relevant professional experience in a low or middle income country upon start of the course
3. Proficiency in English (see below)

For self-funded students:

1. Completion of a 3.5-year Bachelor (210 ECTS credit points) or equivalent degree in a health-related field. Holders of a 3-year Bachelor (180 ECTS credit points) or equivalent degree can apply but need to obtain extra 30 ECTS credit points through additional advanced modules (15 ECTS credit points) and an additional critical literature review (15 ECTS credit points).
2. All applicants must have at least one year professional experience. If this professional experience was health related and obtained in a low- or middle-income country, it can be recognised as relevant professional experience.
3. 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.

Degree awarded

Master of Science in International Health (MScIH)

Course begins

Winter Semester: early September

Course duration

For DAAD scholarship applicants:
DAAD scholarship holders follow a predefined study track of 12 months (full time), which currently offers limited flexibility. The core course will be held in Berlin. For the advanced modules, students can select from the courses offered by the Institute of Tropical Medicine and International Health, Charité – Universitätsmedizin Berlin as well as from courses offered by some tropEd partners. The master's thesis will be conducted at the National Institute of Public Health, Cuernavaca, Mexico

For self-funded students with at least 210 ECTS credit points from BSc studies:
Full-time studies last between 12 months (students who have gained relevant professional experience prior to the start of the programme) and 24 months (students who still need to acquire relevant professional experience during the programme). Upon request the programme can be also studied part-time.

International students are advised to inquire at the German Embassy of their home country whether the student visa permits part-time studies.

Duration of German language course prior to beginning of programme

Two months (for students awarded a DAAD scholarship)
(N.B.: The language of the Master's programme is English, not German.)

Application deadline

Applicants for a DAAD scholarship:
The application deadline is October 15 of the year prior to the start of the programme. Applications for DAAD scholarships need to reach the Institute of Tropical Medicine and International Health, Charité – Universitätsmedizin Berlin by 15th October. **Applications in electronic form and incomplete applications will not be considered.** Further information is provided on our website: https://internationalhealth.charite.de/en/application_admission/daad_epos_scholarships/.

Self-funded applicants:
The deadline for applications is March 31 of the same year of the start of the programme. Applicants will be notified on admission/rejection in early May. Application forms can be downloaded from our webpage: https://internationalhealth.charite.de/en/application_admission/

Remarks

Tuition
If the programme is entirely done at the Institute of Tropical Medicine and International Health at Charité – Universitätsmedizin Berlin tuition fees of ca. 12,050 Euros should be expected (core course 4,500 Euros, advanced modules ca. 5,500 Euros, relevant professional experience essay 250 Euros, thesis 1,800 Euros). In addition, students of Charité – Universitätsmedizin Berlin must pay a registration fee, presently approximately 320 Euros/120 Euros (with/without Berlin public transport ticket) per semester, i.e. twice annually.

Scholarships
Please note that special eligibility requirements apply for applicants for DAAD scholarships, and that all applicants for DAAD scholarships are required to submit a research proposal.

Special Services
All students are offered a one-week introductory orientation prior to the start of the programme (free of charge), as well as free academic and statistics support services, guidance and counselling through the staff of the programme and free/subsidised attendance to conferences in Berlin (e.g. World Health Summit, Humanitarian Assistance Conference)

For further information contact

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

Phone: +49-(0)304-5056-5753
Fax: +49-(0)304-5056-5989
Email: mscih-student@charite.de
Website: https://internationalhealth.charite.de/en/study_programmes/
www.troped.org

Master of Science in Global Urban Health

University of Freiburg

Location

Freiburg is a popular student city in southwest Germany. Established in 1457, the University of Freiburg is one of Germany's oldest universities. Today, it is amongst the nation's leading research and teaching institutions. The University hosts over 24,000 students from over 100 different countries.

Situated in the heart of Europe, with close proximity to Switzerland and France, Freiburg has a lively international flair. The city is renowned for its approach to healthy urban living and is home to 'Vauban' - the greenest suburb in Europe, which serves as a best-practice model for our program.

With approximately 230,000 inhabitants, Freiburg has a friendly size, offering the safe surroundings of a smaller city and, at the same time, excelling in terms of culture, shopping, and infrastructure. Freiburg is surrounded by the Black Forest and wine-growing regions of the Rhine Valley and receives the most hours of sunshine per year in Germany, which makes it a very attractive city for tourism and leisure activities.

Course focus

Overview:
The MSc GUH program imparts scientific foundations that are relevant for the analysis of urban health including social determinants of health and risk factors, for the investigation of (cost-) effectiveness of possible solutions and the prevention of health risks in large cities, particularly in Low and Middle Income Countries. To achieve this objective, basic knowledge in epidemiology, statistics, research design and specific content on global issues is provided.
The unique aspect of this program is its emphasis on urban health and the demographic, physical, social, cultural, psychological and political determinants thereof. The inclusion of "Sustainable Cities and Communities" as one of the Sustainable Development Goals (SDGs), the increasing number of job vacancies, and the formation of special departments focusing on urban health issues in institutions like the World Health Organization (WHO) and the Society for International Cooperation (GiZ) underline the importance of the "urban" specialization offered by our program.

Didactical Concept:
The program includes different teaching approaches such as role-play, group-work, topic-oriented discussions, presentations of homework and material prepared by students for seminars, workshops and conferences. These activities intend to deepen the reflection of the material as well as strengthen communication skills, teamwork, interdisciplinary and intercultural competence – soft skills that are highly critical for future professional settings of the students.

Course focus

There are also various excursions where students get a firsthand experience of the situation in the field. This includes a trip to Geneva, Switzerland, during which we visit the headquarters of international health organizations including World Health Organization (WHO) and United Nations Development Programme (UNDP). Here, students have the opportunity to interact with staff members of these leading global health institutions and learn about the nature of their jobs and employment opportunities. In addition, there are excursions to Strasbourg, France, as well as several regional and local institutions such as a water purification plant, a waste management plant, a mental health center, a refugee center and the district of Vauban.

Structure:
The MSc GUH course is a one-year, full-time, residential program taught in the English language. The course consists of three major parts:

1. **Core Module** on Research Concepts and Methods (16 ECTS)
2. **Advanced Modules** (21 ECTS) on:
   - Communicable Diseases in Urban Environments and Quality Assured Programs
   - Environmental Management and Control of Non-Communicable Diseases in Urban Areas
   - Migration, Violence and Mental Health amongst the Urban Poor
3. **Research Project and Thesis** (23 ECTS)

Target group

The target group for the MSc GUH program includes practitioners or scientists from all over the world, but mainly from LMICs. As the course highlights the importance of interdisciplinary collaboration, there is a preference for students from diverse backgrounds such as urban health, public health, health sciences, sociology, anthropology, history, urban planning, geography, economics, behavioral or environmental sciences. Through this program, this target group will be provided a strong basis for careers related to the health sector, particularly in urban and LMIC settings, by building a competency in activities that are crucial for potential future practical- and/or research-related employment.

Course language

English

Entry requirements

The MSc GUH course is open to:

- Professionals in health, social sciences and others, holding a higher academic degree with a minimum 4 years of academic full time training (240 ECTS).
- Candidates are expected to have at least 1 year of working experience in a relevant field.
- As the medium of instruction is English, proficiency in reading and speaking English is required: TOEFL (550 paper / 213 computer/ 72 - 94 online), IELTS (5+), DAAD (a, b or c in all categories), GER-Level B2 or more.

Master of Science in Global Urban Health

Degree awarded	Master of Science in Global Urban Health (MScGUH)
Course begins	Last week of September (Winter Semester)
Course duration	12 months
Duration of German language course prior to beginning of programme	2 months (for students awarded the DAAD EPOS scholarship)
Application deadline	For the DAAD EPOS scholarship, the application period is from 15th April until 15th of October 2021 The deadline for regular applications: 15th of April, 2022 For more information on the application process: www.zmg.uni-freiburg.de/en/training/mscglobalhealth/application
Remarks	This program is accredited by ACQUIN in accordance with international standards.
For further information contact	University of Freiburg Faculty of Medicine In collaboration with Centre for Medicine and Society (ZMG) Dr. Sonia Diaz-Monsalve (MSc GUH Teaching Coordinator) Bismarckallee 22, Third Floor 79098 Freiburg Germany **Phone:** +49-(0)761-203-69269 **Email:** sonia.diaz.monsalve@mail.medizin.uni-freiburg.de **Website:** www.zmg.uni-freiburg.de/en/training/mscglobalhealth

Master of Science in International Health (Heidelberg)

Ruprecht-Karls-Universität Heidelberg, Heidelberg Institute of Global 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, roughly 30,000 students are enrolled with a high proportion of international students (ca. 18 per cent).

Course focus

International Health

It focuses on poverty-related health problems in low- and middle-income countries. It includes the promotion of health, prevention of disease and related interventions. 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 MScIH 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.

Course focus

Structure

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:

1. A three-month core module, providing a basic overview on essential topics in International Health.
2. Advanced modules (short courses), offering more in-depth learning onselected topics.
3. A thesis module, allowing for guided individual research work with a personally flexible choice, including final exams.

Course focus

The course covers the diverse aspects of International Health and may be taken **either as part-time study within the tropEd network or as a full-time one-year programme in Heidelberg**
(for details please see: www.klinikum.uni-heidelberg.de/heidelberger-institut-fuer-global-health/teaching/postgraduate-teaching/master-of-science-in-international-health)

DAAD scholarships are available for the full-time programme. Scholarships are also available through KAAD and the course is eligible for the awards of the CSLA programme of the Open Society.

Quality Assurance

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 facilitators, thesis supervisors and external examiners.

A maximum of 25 course participants are accepted into the programme, which guarantees intensive personal contact with facilitators and academic supervisors throughout the programme.

Target group

The MScIH is intended for public health-related academic professionals of all backgrounds, including nurses and physicians, with at least two years' work experience in public health. Its focus is to provide course participants with a solid foundation in public health principles, focusing on low- and middle-income countries and competencies with the tools and methods necessary to initiate programmes that can improve health services in an efficient, sustainable and equitable way.

Career Perspective
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.

Course language

English

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 one year professional experience in a public health related position.

English language proficiency: If an applicant's first language is English or his/her studies at the university level have been conducted completely in English (written proof from the University is required), he/she is exempted from providing an English language proficiency test. In all other cases, proof of proficiency in the English language is required:

TOEFL minimum score 237 cBT or 92 iBT; IELTS minimum band 6.5

Degree awarded	Master of Science in International Health (MScIH)
Course begins	September 2022
Course duration	12 months
Duration of German language course prior to beginning of programme	2 months (for course participants awarded a DAAD scholarship)
Application deadline	DAAD scholarships are available for the full-time programme 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). 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 full-time programme (special arrangements apply to DAAD scholarship holders).
For further informationcontact	Heidelberg University Heidelberg Institute of Global 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 **Website:** www.ukl-hd.de/ph/MSCIH

Technische Universität Dresden

Location

The "Technische Universität Dresden" was founded in 1828 and is among Germany's oldest universities of technology. With about 32000 students the TUD is the largest university in the German Federal State of Saxony. The TUD's 18 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 540,000 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
- Development and Evaluation of Vocational Education Systems
- Scientific Works
- Vocational Education Internship
- Field Research
- Master's thesis

Indepth 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.
The chosen topics will be related to the students' future work areas:

- Indepth 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,

Course focus

- 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.
- 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.
- Designing Communicative Processes: Students learn to design communication processes purposively and focused on specific target groups.
- 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.
- The Education Technology orientation provides expert knowledge and skills for the development of multimedia and computer-integrated education projects within the vocational education system.

Target group

Specialists responsible for project work aimed at restructuring or developing the vocational education system in the respective home country.

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.

Course language

German

Entry requirements

- A degree in engineering, business studies or education or an equivalent qualification recognised in Germany
- At least 2 years of professional experience at the time of application
- German language skill to start the master's course: minimum DSH 2 or TestDaF (level 4) or Telc Deutsch C1 Hochschule for October 2022 (presentation of min. C1-level certificate in September 2022 at the latest otherwise the enrolment certificate cannot be issued). German language level at least B1 at time of application.

Degree awarded

Master of Arts

Course begins

October 2022

Course duration

24 months, including two practical training courses of 4 weeks each and the Master's thesis

Duration of German language course prior to beginning of programme

6 months (for students awarded a DAAD scholarship).

Application deadline

30 September 2021 at Technische Universität Dresden, Institut für Berufspädagogik und Berufliche Didaktiken

For further information contact

Dipl. Agrar.päd. Kornelia Klöber
Technische Universität Dresden
Fakultät Erziehungswissenschaften
Institut für Berufspädagogik und Berufliche Didaktiken
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Germany

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Email: kornelia.kloeber@tu-dresden.de
Website: https://tu-dresden.de/gsw/ew/ibbd/bp/studium/vocational-education

International Education Management – INEMA

Ludwigsburg University of Education (PH Ludwigsburg) and Helwan University Cairo, Egypt

Location	Ludwigsburg, Germany & Cairo, Egypt
Course focus	Developing and providing modern managerial and leadership skills as well as competencies for cross-cultural challenges in educational management and for reform processes in a globalized world.
Target group	Current and prospective managers in the education systems (schools and other educational institutions, education projects, ministries, international agencies and private sector companies), candidates from the field of international development cooperation
Course languages	English
Entry requirements	• University degree (Bachelor or equivalent) • At least two years of professional experience • Good command of English
Degree awarded	Master of Arts, joint degree
Course begins	Annually in September
Course duration	6 semesters (fast track 4 semesters)
Application deadline	Please see www.inema-master.com for the current application deadline.
Remarks	"International Education Management" (INEMA) The program aims to provide competencies for taking leadership positions in organizations in and around the educational realm. It also aims to equip participants with the tools necessary to deal with cross-cultural challenges in the field of international education management. It covers strategies and operational know-how to realize visions and abilities needed to lead teams and staff. The program enables participants to take responsibility, to adopt innovative ideas for modern education processes, set up strategies and structures as well as implement measures of quality development.

Remarks

INEMA addresses professionals in the fields of education and international cooperation, who strive to develop competencies to initiate and implement reform processes and to take over management positions. A guiding principle is the development of cross-cultural competencies. Students from more than 30 countries have completed the program with about one third typically coming from the Arab region, one third from "Western" countries and about one third from across the globe.

The study period of the program is 4 to 6 semesters. The duration of study can be adapted according to the student's needs. The program is extra-occupational and allows students to continue with their jobs while studying. The program is based on a blended learning concept with 6 attendance phases alternating in Ludwigsburg and Cairo, online self-learning phases, coaching and practical transfer.

Dates of attendance phases are listed on the INEMA homepage, www.inema-master.com.

INEMA is jointly offered by the Ludwigsburg University of Education and Helwan University Cairo. It concludes with a joint degree Master of Arts, accredited by AQAS.

For further information contact

Dr. Michael Krüger
Email: inema@ph-ludwigsburg.de

Prof Dr. Hosam Refai:
Email: inema@hq.helwan.edu.eg

Website: 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, patent attorney firms, renowned corporations in the automotive sector, 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 language

English

Entry requirements

Admission to the MIPLC is highly competitive. In order to be considered, applicants must have **at least**

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.
2. One year of professional. Apart from actual employment in a paid position, "professional experience" also includes internships or work as a research assistant.
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):
   - a TOEFL score of 85 points (internet-based), 223 points (computer-based), or 563 points (paper-based);
   - an IELTS score of 6.5 or above;
   - a minimum grade of "C" on the Cambridge CPE.

   Please refer to www.miplc.de/llm-ip/admissions/ for information about documents required for applying and for the online application form.

Degree awarded

LL.M. (Master of Laws)

Course begins

Early October of each year

Course duration

12 months (two semesters)

Duration of German language course prior to beginning of programme

2 months (only for DAAD scholarship holders)

Application deadline

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
- In order to apply for admission, please use our online application interface at www.miplc.de/llm-ip/admissions/. After completing the online application (including, if applicable (e.g. for the DAAD scholarship), the financial assistance application form), you will receive a PDF document by e-mail. Please print and sign this form and upload it to our file sharing platform Cryptshare together with the supporting 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 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
Marstallplatz 1
80539 Munich
Germany

Phone: +49-(0)89-24246-5321
Fax: +49-(0)89-24246-522
Email: info@miplc.de
Websites: www.miplc.de

Deutsche Welle Akademie, Universität Bonn and Hochschule 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 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 English to groups with a maximum of 30 students. The curriculum uniquely combines the disciplines digital 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

Entry requirements

- A Bachelor's degree or equivalent
- More than two years of professional experience in a media-related field after your first degree at the time of application Proof of at least C1-level English skills according to the Common European Framework of Reference for Languages (CEFR), IELTS (Band 7.0 or higher)

Degree awarded

Master of Arts

Course begins

Each year in September

Course duration

The first three semesters are held in Germany, the 4th semester (and the completion of the master's program) in your respective home country.

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

For further information contact

IMS Student Office
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.com
Websites: www.ims-master.de
www.dw-akademie.com

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 Wissenschaften

Textil- und Konfektionstechnik
Technische Universität Dresden **143**

Sozial-, Politikwissenschaften und Bildungswesen

Vocational Education and Personnel Capacity Building
Technische Universität Dresden **148**

Neben einer großen Anzahl von Postgraduiertenstudiengängen, die von deutschen Hochschulen angeboten werden, fördert der Deutsche Akademische Austauschdienst (DAAD) eine Auswahl von Studiengängen, die besonders für 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 Disziplinen
- Mathematik
- Regional- und Stadtplanung
- Agrar- und Forstwissenschaften
- Natur- und Umweltwissenschaften
- Medizin und Gesundheitswesen
- Sozialwissenschaften, Bildungswesen und Rechtswissenschaften
- 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**

Die Studiengänge richten sich an alle Interessierten, 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 Kandidatinnen und Kandidaten mit nachgewiesener **entwicklungsbezogener Motivation** erreicht werden, mit deren Ausbildung und Förderung mit einem Stipendium erwartet werden kann, dass sie später **gesellschaftliche Verantwortung** in ihrem Heimatland übernehmen und in ihrem **persönlichen und beruflichen Umfeld Veränderungen anstoßen** und begleiten können (Motivation, entwicklungsbezogenes Engagement).
- über die notwendigen fachlichen und akademischen Voraussetzungen verfügt wird, die einen erfolgreichen Studienabschluss in Deutschland erwarten lassen (Abschlussnote des ersten akademischen Examens, Sprachkenntnisse),
- besondere Zugangsmöglichkeiten für Frauen und benachteiligte Gruppen bei Vorliegen der fachlichen Voraussetzungen und Nachweis von entwicklungsbezogenem Engagement gewährleistet sind.

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. 42 Monate bei PhD
- International anerkannte Master-Abschlüsse und Promotionen
- Studiengänge deutscher Universitäten und Hochschulen der Angewandten Wissenschaften
- Stipendien für sorgfältig ausgewählte Studiengänge 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 2022/2023

2. Bewerbungsvoraussetzungen

Die idealen Bewerberinnen und Bewerber:

- Arbeiten aktuell entweder in einer Behörde, in einer staatlichen Einrichtung oder in einem privaten Unternehmen eines Entwicklungslandes und engagieren sich dementsprechend in der Planung und Durchführung von Projekten mit Fokus auf die Entwicklungszusammenarbeit.
- Haben einen Bachelor-Abschluss (in der Regel vier Jahre) im entsprechenden Fachgebiet.
- Haben ihr Studium mit einem überdurchschnittlichen Ergebnis (oberes Leistungsdrittel) abgeschlossen und verfügen über eine mindestens 2-jährige einschlägige Berufserfahrung nach dem Bachelor zum Zeitpunkt der Bewerbungsfrist.
- Der jeweilige Hochschulabschluss sollte i.d.R. nicht länger als sechs Jahre zurückliegen.

Sprachkenntnisse:

- **Für deutschsprachige Studiengänge (Stipendium enthält einen vorbereitenden 6-monatigen Deutsch Sprachkurs in Deutschland):** DSH 2 oder TestDaF 4 zum Studienbeginn; zum Zeitpunkt der Bewerbung sind deutsche Sprachkenntnisse auf Niveau B1 mit einem aktuellen Zertifikat nachzuweisen
  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 B1 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[1]

1 Die Hochschulen sind für die Inhalte und Angaben zu den jeweiligen Studiengängen in dieser Broschüre selbst verantwortlich.

Nachweise über gegenwärtige berufliche Tätigkeit:

In der Bewerbung muss die zweijährige Berufserfahrung nach dem Bachelor und die aktuelle berufliche Tätigkeit zum Zeitpunkt der Bewerbung angegeben und wie folgt nachgewiesen werden:

- 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 Bewerbungen müssen ein Motivationsschreiben enthalten, in dem das Interesse an einem für die Tätigkeit relevanten Postgraduiertenstudiengang überzeugend dargelegt wird. Außerdem sollte die entwicklungsbezogene Motivation klar formuliert werden und dargelegt werden, welche Rolle die Ausbildung und das Stipendium im weiteren Verlauf der Karriere und somit der Weiterentwicklung des Heimatlands spielen sollen.
WICHTIG: Wenn Sie sich für mehr als einen Postgraduierten-Studiengang bewerben (maximal 3), müssen Sie ein Motivationsschreiben einreichen, in dem Sie Ihre Wahl der Studiengänge erläutern und auf die Priorisierung eingehen.

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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 ebenfalls nicht für die Auswahl berücksichtigt werden.

Bitte geben Sie an, 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 Bewerberinnen und Bewerber, die sich selbst finanzieren können, haben gute Chancen, für einen Postgraduiertenstudiengang zugelassen zu werden.

Ausländer, die **am Tag der Bewerbungsfrist höchstens 15 Monate in Deutschland** verbracht haben, können sich ebenfalls um ein DAAD-Stipendium bewerben.

Sie können sich für bis zu drei Studiengänge bewerben.
Wenn Sie sich für mehrere Studiengänge bewerben, **geben Sie diese bitte entsprechend Ihrer Prioritäten an (unter Punkt 7 im DAAD-Formular) und ändern Sie die Prioritäten nicht** in den jeweiligen Bewerbungsbögen!

Wenn Sie sich für mehr als einen Postgraduierten-Studiengang bewerben (maximal 3), **müssen Sie ein Motivationsschreiben einreichen, in dem Sie Ihre Wahl der Studiengänge erläutern und auf die Priorisierung eingehen.** Falls diese Information missachtet wird, kann die Bewerbung nicht weiter berücksichtigt werden oder ein bereits verliehenes Stipendium zurückgezogen werden.

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 Zulassung vorab muss nicht extra von den Bewerbern beantragt werden.

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

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

- **Unterschriebenes** DAAD-Bewerbungsformular mit aktuellem Datum (www.daad.de/medien/deutschland/stipendien/formulare/forschungsstipendium_en.pdf)
- **Unterschriebener** Lebenslauf mit aktuellem Datum (**verwenden Sie bitte die europass-Vorlage** form at http://europass.cedefop.europa.eu/)
- **Unterschriebenes** Motivationsschreiben mit aktuellem Datum (mit Bezug auf die aktuelle berufliche Tätigkeit, maximal 2 Seiten)
- **WICHTIG: Wenn Sie sich für mehr als einen Postgraduierten-Studiengang bewerben (maximal 3), müssen Sie ein Motivationsschreiben einreichen, in dem Sie Ihre Wahl der Studiengänge erläutern und auf die Priorisierung eingehen.**
- Empfehlungsschreiben des aktuellen Arbeitgebers. Das Schreiben muss einen offiziellen Briefkopf, eine Unterschrift sowie einen Stempel mit aktuellem Datum enthalten (**nicht in einem verschlossenen Umschlag**)

- Arbeitsbescheinigung(en) durch den Arbeitgeber, die mindestens zwei Jahre einschlägige Berufserfahrung nach dem Bachelor bis zum Zeitpunkt der Bewerbung nachweisen (mit Briefkopf, Unterschrift und Stempel). Die Arbeitsbescheinigung des aktuellen Arbeitgebers sollte nach Möglichkeit eine Wiedereinstellungsgarantie nach der Rückkehr in das Heimatland enthalten.
- Nachweis über Sprachkenntnisse:
  – Englisch – IELTS oder TOEFL (Anmerkung: Der institutionelle TOEFL wird nicht akzeptiert)
  – Deutsch – notwendig für die deutschsprachigen Programme;
- Kopien erworbener Hochschulabschlüsse (beglaubigte Übersetzungen, falls notwendig)
- Kopien der Notenabschriften, inkl. Notensystem (beglaubigte Übersetzungen, falls notwendig)
- 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:
Die vollständige Bewerbung muss auf Deutsch oder Englisch eingereicht werden.

Unvollständige Bewerbungen werden nicht berücksichtigt.

4. Bewerbungs- und Auswahlverfahren

- **Schritt 1:** Sie senden Ihre vollständige Bewerbung direkt an den entsprechenden Studiengang.
- **Schritt 2:** Eine Auswahlkommission schlägt dem DAAD mögliche Kandidaten und Kandidatinnen für ein Stipendium vor.
- **Schritt 3:** Die für ein Stipendium vorgeschlagenen Kandidatinnen und Kandidaten werden vom DAAD kontaktiert und aufgefordert, Ihre vollständigen Unterlagen im DAAD-Portal hochzuladen.
- **Schritt 4:** Finalisierung des Auswahlprozesses und entsprechende Mitteilung an die vorgeschlagenen Kandidaten und Kandidatinnen.

WICHTIG:
Stellen Sie sicher, dass Sie einen vollständigen Satz Kopien Ihrer Bewerbungsunterlagen haben, da die vollständigen Unterlagen (im PDF-Format) ins DAAD Portal hochgeladen werden müssen, sollten Sie für ein DAAD Stipendium vorgeschlagen werden!

5. Studienvorbereitender Sprachkurs

Für die meisten Studiengänge ist ein studienvorbereitender Deutschkurs von 2 bis 6 Monaten, der dem Fachstudium vorgeschaltet ist, Integraler Bestandteil des DAAD Stipendiums.

Die Teilnahme an dem vorbereitenden Deutschkurs ist verpflichtend!

Textil- und Konfektionstechnik

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 Wieder-vereinigung 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 Industrieansiedelungen 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.

Studienschwerpunkte

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. Der Absolvent ist befähigt zum Einsatz in technischen Führungsfunk-tionen 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

Studien-schwerpunkte

und der forschungsbezogenen Lehre. Die klassische Textil- und Konfektions¬industrie gehört aber nach wie vor zum Einsatzgebiet der Absolventen. Diese bildet eine wichtige Basis für technische Anwendungsfelder.

Der Studiengang eröffnet Studierenden mit einem ersten berufs-qualifizierenden Hochschulabschluss aus den Bereichen Maschinenbau, Textilmaschinenbau, Textiltechnik, Textiltechnologie, Konfektions- bzw. Bekleidungstechnik, Konfektions- bzw. Bekleidungstechnologie, Textilchemie und Textilveredlung die Möglichkeit zu einer inter-disziplinären 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/ Maschinen-elemente, Getriebetechnik und Arbeitswissenschaft/ Betriebswirtschafts-lehre erweitern und vertiefen die mathematisch-ingenieurwissenschaft¬lichen sowie betriebswirt- und arbeitswissenschaftlichen Kenntnisse der Studierenden als wichtige Voraussetzung für das Fachgebiet.

Die Module Textile Werkstoffe und Prüftechnik, Verfahren und Maschi¬nen 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.

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

Studien-schwerpunkte

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 Modul-beschreibungen 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.

Zielgruppe

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.

Unterrichtssprache

Aufgrund der wichtigen und innovativen Position der deutschen Textilindustrie und Textil¬maschinen 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.

Im Modul „Wissenschaftlich-methodisches und Expertenseminar" werden Themen aus innovativen Forschungsfeldern durch die Gastlektoren teilweise in englischer Sprache dargestellt, in Ergänzung zum Studium in deutscher Sprache.

Zulassungsvoraussetzungen

- 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.
- Zum Studienbeginn sollte der erste berufsqualifizierende Hochschulabschluss in der Regel nicht länger als 6 Jahre zurück liegen.
- Sprachvoraussetzungen bei **Studienbeginn**: Minimum: DSH 2 oder TestDaF (Stufe 4) oder Telc Deutsch C1 Hochschule zum September 2022 spätestens, andernfalls ist eine Immatrikulation an der TU Dresden nicht möglich.

Abschluss

Master of Science (M.Sc.)

Studienbeginn

Oktober 2022

Studiendauer

24 Monate

Dauer des Deutschkurses vor Beginn des Studiums

Sechs Monate (für DAAD-Stipendiaten)

Bewerbungsfristen

1. Oktober 2021 an der TU Dresden.

Anmerkungen

Der Deutschkurs für die Stipendiaten beginnt zum April 2022.

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.

Zum Zeitpunkt der Bewerbung sollten Kenntnisse des Niveaus B1 (B1-Zertifikat) vorhanden sein, bei Beginn des Deutschkurses werden Kenntnisse des Niveaus B1 dringend empfohlen.

Kontakt und weitere Informationen

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Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik
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Technische Universität Dresden

Standort

Dresden, die sächsische Landeshauptstadt, liegt im Südosten von Deutschland und hat ca. 540 000 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 sind ca. 32000 Studierende an der größten Universität im Freistaat Sachsen immatrikuliert, darunter fast 5400 ausländische Studierende. Die TUD ist eine der elf Exzellenz-Universitäten Deutschlands.

Studienschwerpunkte

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

- Grundlagen der Berufs- und Erwachsenenbildung
- Gestaltung von Lehr- und Lernprozessen
- Psychologie des Lernens
- Managementprozesse
- Analyse von Forschung-Produktion-Bildung
- Wissenschaftliches Arbeiten
- Entwicklung und Evaluation von Berufsbildungssytemen
- Berufspädagogische Praxis
- Feldforschung
- Masterarbeit

Wahlpflichtmodule

- Personalentwicklung
- Gestaltung von Kommunikationsprozessen
- Komparative Bildungsforschung und -politik
- 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

Zulassungsvoraussetzungen

- Naturwissenschaftlich-technischer, wirtschaftswissenschaftlicher oder erziehungswissenschaftlicher in Deutschland anerkannter Hochschulabschluss
- mindestens 2jährige einschlägige Berufserfahrung zum Zeitpunkt der Bewerbung
- Sprachvoraussetzungen bei Studienbeginn: Minimum: DSH 2 oder TestDaF (Stufe 4) oder Telc Deutsch C1 Hochschule zum September 2022 spätestens, andernfalls ist eine Immatrikulation an der Hochschule nicht möglich. (Zum Zeitpunkt der Bewerbung Sprachkenntnis mindestens B1 Niveau).

Abschluss

Master of Arts

Studienbeginn

Oktober 2022

Studiendauer

4 Semester, eingeschlossen 1Praktikum und eine Feldforschung von je 4 Wochen und Anfertigung der Masterarbeit (5 Monate)

Dauer des Deutschkurses vor Beginn des Studiums

6 Monate für DAAD Stipendiaten

Bewerbungsfristen

30. September 2021 an der Technischen Universität Dresden, Institut für Berufspädagogik und Berufliche Didaktiken

Kontakt und weitere Informationen

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Entwicklungsbezogene Postgraduiertenstudiengänge

Ausbildung von Fach- und Führungskräften
für nachhaltige Entwicklung

Stipendien in Deutschland

Federal Ministry
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