

Master’s Scholarship Programme

**For students from Ukraine
as well as students from countries of the DAC list
fleeing the war in Ukraine to continue/complete their studies in**

Development-Related Postgraduate Courses

Table of Contents

Economic Sciences/ Business Administration/ Political Economics	3
Master's Programme in International and Development Economics – MIDE.....	3
MSc Development Economics	5
Small Enterprise Promotion and Training – SEPT	8
Development Cooperation	11
Development Management	11
Sustainable Development Management	13
Engineering and Related Sciences.....	16
Textile and Ready-Made Clothing Technology	16
Master of Engineering in “Energy and Environmental Management in Developing Countries”	19
(formerly SESAM)	19
Photogrammetry and Geoinformatics.....	22
Master’s Program Infrastructure Planning.....	24
Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE)	26
Regional and Urban Planning	28
SPRING – Regional Development Planning and Management.....	28
Agricultural and Forest Sciences	30
Tropical Forestry	30
Agricultural Sciences and Resource Management in the Tropics and Subtropics – ARTS	33
Tropical and International Forestry (TIF).....	35
Agricultural Economics – AgEcon	37



Natural and Environmental Sciences	39
M.Sc. Marine Biology - International Studies in Aquatic Tropical Ecology (ISATEC)	39
Tropical Hydrogeology and Environmental Engineering – M.Sc. TropHEE	41
Environmental Governance – MEG	43
Medicine/Public Health	45
Master of Science in International Health (Berlin)	45
Master of Science in Global Urban Health (Freiburg)	48
Master of Science in International Health (Heidelberg).....	51
Social Sciences, Education and Law	54
Vocational Education and Personnel Capacity Building	54
International Education Management – INEMA	56

Economic Sciences/ Business Administration/ Political Economics

Master's Programme in International and Development Economics – MIDE

Institution	Hochschule für Technik und Wirtschaft (HTW) Berlin
Location	<p>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.</p> <p>HTW is Berlin's 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.</p>
Course focus	<p>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.</p> <p>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.</p> <p>Graduates of the programme will be well equipped to work for governmental or non-governmental institutions involved in development co-operation as well as for international companies that operate in developing countries. 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.</p> <p>Students are expected to have already acquired basic academic knowledge and skills in economics in their undergraduate courses.</p> <p>The programme is accredited.</p>
Target group	<p>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.</p>



Course language	The programme is taught entirely in English.
Entry requirements	<ul style="list-style-type: none">• Academic degree in Economics, Business Administration or a Social Science with at least 3 courses in Economics and Business Administration. 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.
Degree awarded	Master in International and Development Economics (Master of Arts)
Course begins	1 April 2023
Course duration	17 months
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: https://mide.htw-berlin.de/

Economic Sciences/ Business Administration/ Political Economics

MSc Development Economics

Institution 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 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, economics, 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 languages	English
Entry requirements	<ul style="list-style-type: none"> -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 110 points or IELTS 6.5. 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	<p>MSc Development Economics</p> <p>This degree will open up excellent career perspectives in a wide array of fields:</p> <ul style="list-style-type: none"> -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
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

Economic Sciences/ Business Administration/ Political Economics

Small Enterprise Promotion and Training – SEPT

Institution	Universität Leipzig
Location	<p>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 153 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 Leipzig University.</p>
Course focus	<p>Our international MBA programme specialising in small and medium-sized enterprise development is a postgraduate programme that combines research with practice.</p> <p>The two-year degree programme focuses primarily 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.</p> <p>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.</p> <p>This approach provides advanced training for upcoming professionals and staff members of institutions who already hold a degree and have acquired 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.</p> <p>Our MBA is a four-semester course that comprises two semesters of formal tuition and training at the university (1st and 2nd semester), 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.</p>

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 a research on 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	<ul style="list-style-type: none"> • A bachelor's degree (or an equivalent degree) in economics, business studies, social, natural or engineering sciences or related field • 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); • 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
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 Program
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Website: www.sept.uni-leipzig.de

Development Cooperation

Development Management

Institution**Ruhr-Universität Bochum****Location**

The Ruhr-University Bochum is located in the industrial heart of Germany. With more than 42,000 students (more than 6,300 of them international students) and a staff of 6,100, 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.

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 research 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	<ul style="list-style-type: none">• 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	September 2024 (biannually)
Course duration	18 months
Remarks	<p>Throughout the entire programme we offer intensive coaching. Research fellows of the IEE act as mentors to small groups of up to 3-4 students, especially for the MA thesis projects.</p> <p>The MA in Development Management cooperates with the Institute for Development and Peace (INEF) and the Institute of Political Science of the University Duisburg-Essen within the UAR Graduate Centre for Development Studies.</p> <p>Furthermore, the MA in Development Management is the twin course of the Bochum Programme of Development Management at the University of the Western Cape, which is part of the South African-German Centre for Development Research.</p> <p>Two summer schools on Methods of Empirical Social Research and Development Practice, held in Germany and in South Africa together with the students of the Bochum Programme of Development Management at the South African-German Centre for Development Research at the University of the Western Cape, are part of the programme.</p>
For further information contact	<p>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/</p>



Development Cooperation

Sustainable Development Management

Institution

**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. The high quality of the programme was recently acknowledged by international accreditation from the International Accreditation Council of the European Association of Development Research and Training Institutes (IAC-EADI).

Depending on the workload of the undergraduate degree serving as admission requirement (210 or 180 ECTS or equivalent), the regular duration of study for this programme is three or four semesters, respectively. 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.

Applicants holding a 180 ECTS or equivalent bachelor degree will be provided additional bridge courses for a total workload of 30 ECTS (equivalent to one full semester) in the first two semesters, within a learning agreement.

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

Course languages 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 and DAAD scholarship holders alike.

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

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

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Engineering and Related Sciences

Textile and Ready-Made Clothing Technology

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

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

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

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

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

The curriculum and the objectives of the course, forms of lecturing and studying, requirements, suitability, frequency, required work as well as duration of each module can be found in the module description. The appropriate distribution of the modules over the individual semesters can be taken from the study plan. Following this plan guarantees course completion within the time limit of two years.

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

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	<p>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.</p> <p>This makes it possible for graduates to study the relevant literature published mostly in German and supports intercultural cooperation in science, business and education.</p> <p>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.</p>
Entry requirements	<ul style="list-style-type: none">• 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 2023 at the latest otherwise the enrolment certificate cannot be issued)
Degree awarded	Master of Science (M.Sc.)
Course begins	October 2023
Course duration	24 months
For further information contact	<p>Technische Universität Dresden Fakultät Maschinenwesen Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik Univ.-Prof. Dr.-Ing. habil. Dipl.-Wirt. Ing. Ch. Cherif or Dr.-Ing. Kathrin Pietsch 01062 Dresden Germany Phone: +49-(0)351-463 393 00 Fax: +49-(0)351-463 393 01 Email: kathrin.pietsch@tu-dresden.de Website: https://tu-dresden.de/ing/maschinenwesen/itm/studium/studiengaenge/matk/index?set_language=en</p>

Engineering and Related Sciences

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

Institution

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 6,000 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.

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 elective modules to choose from, e.g.: "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, solar energy and grid integration, 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.

Target group

Engineers of all disciplines with work experience in the energy sector

Course language

English



Entry requirements	<p>BEng or equivalent university degree after a minimum of four years of studies.</p> <ul style="list-style-type: none">• 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
Remarks	<p>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.</p> <p>The full application form must be accompanied by:</p> <ul style="list-style-type: none">• CV (with current date and signed)• School and university transcripts• Certificates proving award of Bachelor's degree• Proof of 2 years work experience and qualifications with letter head, stamp and signature• Language certificates TOEFL or IELTS• A letter of motivation (signed) with current occupation, expectations towards the course and individual motivation for application. In case candidates apply 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. Current date and signature.• Two letters of reference (one academic, one professional) with letter head, stamp and signature
For further information contact	<p>Europa-Universität Flensburg Interdisciplinary Institute for Environmental-, Social- and Human Sciences EEM in Developing Countries Auf dem Campus 1 D-24943 Flensburg Germany Phone: +49-(0)461-805-25 03 Fax: +49-(0)461-805-25 05 Email: sesam@uni-flensburg.de Website: www.uni-flensburg.de/eem</p>

Engineering and Related Sciences

Photogrammetry and Geoinformatics

Institution

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 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	<ul style="list-style-type: none">• 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:<ul style="list-style-type: none">○ TOEFL-Test: computer based minimum 213 points, paper based minimum 550 points, internet-based minimum 80 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)
Remarks	<ul style="list-style-type: none">• 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	<p>Hochschule für Technik Stuttgart Prof. Dr.-Ing. Dietrich Schröder Schellingstraße 24 70174 Stuttgart Germany</p> <p>Phone: +49 (0)711 8926 2612 Fax: +49 (0)711 8926 2556 Email: master-pg@hft-stuttgart.de Website: https://www.hft-stuttgart.com/geomatics/master-photogrammetry-and-geoinformatics</p>

Engineering and Related Sciences

Master's Program Infrastructure Planning

Institution

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 23,000 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.

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	<ul style="list-style-type: none">• 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
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, 2023. A limited quota of single rooms in student dormitories is available, but accommodation for families <u>cannot</u> be arranged. An administrative and social fee of 210 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. University of Stuttgart, Master’s Program Infrastructure Planning Dipl.-Ing. Elke Schneider, Course Director Pfaffenwaldring 7 70569 Stuttgart Germany 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
For further information contact	

Engineering and Related Sciences

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

Institution

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, Luxembourg 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. 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 languages	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	<ul style="list-style-type: none">• 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
Remarks	<p>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.</p> <p>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 approx. 205€ 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.</p>
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

Regional and Urban Planning

SPRING – Regional Development Planning and Management

Institution

Technische Universität Dortmund

Location

The TU Dortmund University, with more than 34,000 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 Department of Spatial Planning, the first and largest planning school in Germany (currently with 18 Research Groups), 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, Modelling and Applied Social Sciences Centre, 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 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	<ul style="list-style-type: none">• 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 (550 PBT, 80 iBT) or IELTS (Band 6.0) and• A strong commitment to further work in regional or urban 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
Remarks	<p>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.</p> <p>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 765 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.</p>
For further information contact	<p>TU Dortmund University Department of Spatial Planning, SPRING 44221 Dortmund Germany</p> <p>Phone: +49-(0)231-755-6075 Email: application.spring@tu-dortmund.de Website: www.spring-master.net</p>

Agricultural and Forest Sciences

Tropical Forestry

Institution

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-learning, webinars, discussions, excursions and independent studies. In order to design her/his professional profile the student selects four out of eight other modules.

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	<ul style="list-style-type: none"> ▪ Degree (B.Sc.) in forestry science or other subjects relevant to the postgraduate course ▪ 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 2023
Duration of the course	24 months
Remarks	<ul style="list-style-type: none"> ▪ 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
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Chair of Tropical Forestry
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Website: <https://tu-dresden.de/bu/umwelt/forst/inter/tropen>

Facebook page: "Tropical Forestry"

Blog: <https://tropicalforestry.wordpress.com/>

Agricultural and Forest Sciences

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

Institution	Rheinische Friedrich-Wilhelms-Universität Bonn
Location	<p>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.</p>
Course focus	<p>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</p> <ul style="list-style-type: none"> • making them effective leaders for agricultural development. • preparing them for agricultural and environmental research and development positions. • providing an entry qualification for PhD programmes. <p>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.</p> <ul style="list-style-type: none"> • The first semester serves to broaden students’ knowledge by providing an overview on the structure and use of resources in (sub)tropical agriculture. Interdisciplinary lectures and seminars focus on resource interactions in relation to the social, economic and political context and are supplemented by practical exercises and diverse socio-cultural activities. • In the second semester, students intensify their knowledge by choosing at least five from a catalogue of 20 modules in 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	<ul style="list-style-type: none"> • 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.
Application documents	<ul style="list-style-type: none"> • 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

Agricultural and Forest Sciences

Tropical and International Forestry (TIF)

Institution	Georg-August-Universität Göttingen
Location	<p>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.</p> <p>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.</p>
Course focus	<p>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.</p> <p>The programme is for students interested in pursuing an international career in forestry, nature conservation, ecosystem research or rural development.</p> <p>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.</p> <p>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.</p> <p>* The M.Sc. study track Tropical and International Forestry (TIF) is part of the M.Sc. study programme Forest and Ecosystem Sciences (FES).</p>
Course language	English
Target group	Graduates in forestry or other related disciplines (e.g. agriculture, biology, ecology, botany);



Entry requirements	<ul style="list-style-type: none">• 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 2023
Duration of the course	24 months
Remarks	<p>The Master's course is fully accredited and has received high evaluation scores from its former students.</p> <p>A two-month German language course begins in early August.</p> <p>The process of application and admission and the requirements are described under: https://www.uni-goettingen.de/en/624583.html</p>
For further information contact	<p>For more information about the Master's course Tropical and International Forestry, please visit our website: www.uni-goettingen.de/fes</p> <p>or contact: Prof. Dr. Ralph Mitlöhner Büsgenweg 1 37077 Göttingen Germany</p> <p>Phone: +49-(0)551-39-33657 Email: rmitloe@uni-goettingen.de student tutor: tiftut@gwdg.de</p> <p>For more information about the Faculty of Forest Science and Forest Ecology: www.forst.uni-goettingen.de</p> <p>For more information about the University of Göttingen: www.uni-goettingen.de</p>

Agricultural and Forest Sciences

Agricultural Economics – AgEcon

Institution	Universität Hohenheim
Location	<p>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.</p>
Course focus	<p>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.</p> <p>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.</p> <p>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.</p>
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	<ul style="list-style-type: none"> • 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. • 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 (no section below 5.5)). • 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
Remarks	<p>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</p> <p>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</p> <p>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.</p>
For further information contact	<p>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</p>

Natural and Environmental Sciences

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

Institution	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	<p>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.</p> <p>During the third term, students will apply this acquired knowledge while carrying out research projects at one of the tropical partner institutions/universities to collect data for their M.Sc. thesis.</p>
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	<p>Prerequisites for foreign and German students are:</p> <ul style="list-style-type: none"> • 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:

www.uni-bremen.de/en/master

Degree awarded

Master of Science in Aquatic Tropical Ecology

Course begins

October 2023

Course duration

24 months (four terms)

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 coordinating 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 \simeq 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

Natural and Environmental Sciences

Tropical Hydrogeology and Environmental Engineering – M.Sc. TropHEE

Institution	Technische Universität Darmstadt
Location	<p>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.</p> <p>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.</p>
Course focus	<p>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.</p> <p>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.</p>
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	<p>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.</p> <p>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.</p> <p>The Bachelor's degree must have entailed four years of studies and the university that conferred the degree must be acknowledged by TU Darmstadt.</p>
Degree awarded	Master of Science
Course begins	Every year in October
Course duration	Two years
For further information contact	<p>con- Institute of Applied Geosciences Technische Universität Darmstadt TropHEE office Schnittspahnstraße 9 64287 Darmstadt Germany</p> <p>Phone: +49-(0)61-51-16-23625 Email: trophee@geo.tu-darmstadt.de Website: http://www.trophee.tu-darmstadt.de</p>

Natural and Environmental Sciences

Environmental Governance – MEG

Institution **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;

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	<ul style="list-style-type: none"> • 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 <p>Required documents:</p> <ul style="list-style-type: none"> • online application form, • Bachelor degree certificates and transcript (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). <p>For more details and links to guidelines please check https://www.meg.uni-freiburg.de/admissions/Howtoapply</p>
Degree awarded	Master of Science (M.Sc.)
Course begins	Beginning of October every year
Course duration	24 months
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	<p>Esther Muschelknautz Faculty of Environment and Natural Resources Albert-Ludwig University, Freiburg Tennenbacher Straße 4 D-79106 Freiburg Germany</p> <p>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</p>

Medicine/Public Health

Master of Science in International Health (Berlin)

Institution 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 (Morocco, 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.

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 currently 13 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:

(i) 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; (ii) Two years relevant professional experience in a low or middle income country upon start of the course

(iii) Proficiency in English (see below);

For self-funded students:

(i) 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). (ii) 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. (iii) 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: First Monday in September (Orientation week: Last week in August)
Course duration	<p>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</p> <p>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.</p>
Remarks	<p>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.</p> <p>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.</p> <p>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)</p>
For further information contact	<p>Institute of Tropical Medicine and International Health Charité – Universitätsmedizin Berlin Master's Programme in International Health Student Support Officer Augustenburger Platz 1, 13353 Berlin, Germany Phone: +49-(0)30-4-50565-753 Fax: +49-(0)30-450565-989 Email: mscih-student@charite.de Website: https://internationalhealth.charite.de/en/study_programmes/ www.troped.org</p>

Medicine/Public Health

Master of Science in Global Urban Health (Freiburg)

Institution

Albert -Ludwigs-Universität 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: This is an internationally oriented interdisciplinary program, offering students a broad and comprehensive training in the field of Urban Health. The MSc GUH 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, the program focuses both on practical interventions and on operational/implementation research.

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.

There are also several excursions where students get a firsthand experience of the situation in the field, including a trip to Geneva, Switzerland, during which they 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:

- i) **Core Module** on Research Concepts and Methods – with a focus on Research methods, epidemiology/ statistics/ social sciences methods, health services, and other general issues of health and risk factors in urban settings (16 ECTS)
- ii) **Advanced Modules** (21 ECTS) on:
 - a. Communicable Diseases in Urban Environments and Quality Assured Programs
 - b. Environmental Management and Control of Non-Communicable Diseases in Urban Areas
 - c. Migration, Violence and Mental Health amongst the Urban Poor
- iii) **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, we encourage 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, students will be given 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 languages

English

Entry requirements

- Professionals in health, social sciences and others, holding a higher academic degree with a minimum 4 years of academic full time training (240 ECTS).
- At least 2 years of working experience in a relevant field and, if possible, a guarantee of re-employment upon returning home.
- 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.

Degree awarded

Master of Science in Global Urban Health (MSc GUH)



Course begins	Last week of September (Winter Semester)
Course duration	12 months
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: mscguh@zmg.uni-freiburg.de Website: www.zmg.uni-freiburg.de/en/training/mscglobalhealth

Medicine/Public Health

Master of Science in International Health (Heidelberg)

Institution	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	<p>International Health</p> <p>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.</p> <p>Teaching Approach</p> <p>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.</p> <p>Structure</p> <p>The course has three distinct parts, each accounting for 20 ECTS (European Credit Transfer System). In this system, credit points are given on the basis of Student Investment Time, i.e., how much time a student “invests” in a given topic (including lecture time, group work and individual learning time). The three parts of the MSciH are:</p> <ol style="list-style-type: none"> 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 on selected topics. 3. A thesis module, allowing for guided individual research work with a personally flexible choice, including final exams.



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: c).

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 2023

Course duration

12 months



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 information contact

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Website: www.ukl-hd.de/ph/MScIH

Social Sciences, Education and Law

Vocational Education and Personnel Capacity Building

Institution	Technische Universität Dresden
Location	<p>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 17 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”.</p> <p>Dresden, the capital of Saxony, is a Baroque city with 550,000 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.</p>
Course focus	<p>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.</p> <p>Obligatory Modules</p> <ul style="list-style-type: none"> • 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 <p>Indepth studies in the Compulsory Optional Section.</p> <p>In the compulsory optional section, students are required to choose 3 or 4 of the 5 vocational training orientated, in-depth study areas offered.</p> <p>The chosen topics will be related to the students’ future work areas:</p> <ul style="list-style-type: none"> • Indepth study in Occupational Field Theory/Specialist Didactics with <ul style="list-style-type: none"> ◦ a specific vocational orientation enhances the students’ teaching skills and competence for vocational schools. The following vocational subject orientations are offered: Civil Engineering, Chemical Engineering, Electrical Engineering, Metal Engineering/Mechanical Engineering, Food Engineering/Domestic Science/Home Economics. <p>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.</p> <ul style="list-style-type: none"> • 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 purposefully 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 2023 (presentation of min. C1-level certificate in September 2023 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 2023

Course duration

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

For further information contact

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Social Sciences, Education and Law

International Education Management – INEMA

Institution	Ludwigsburg University of Education (PH Ludwigsburg) and Helwan University Cairo, Egypt
Location	Ludwigsburg, Germany & Cairo, Egypt
Course focus	Developing and providing managerial and leadership skills as well as competencies for cross-cultural challenges in educational management and educational reform processes in a globalized world.
Target group	Current and prospective managers in the education sector (schools, higher education, NGOs, ministries, international agencies and private sector companies), employees from the field of international development cooperation
Course language	English
Entry requirements	<ul style="list-style-type: none"> • 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 October
Course duration	6 semesters (fast track 4 semesters)
Remarks	<p>"International Education Management" (INEMA)</p> <p>The program aims to provide competencies for taking up or developing leadership positions within the entire education sector. It also aims to provide the tools necessary for dealing 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 up more responsibility, develop and adopt innovative ideas for modern education processes, set up strategies and structures as well as implement measures of quality management and enhancement.</p> <p>INEMA addresses professionals in the fields of education and international education 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 over 30 countries have successfully 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.</p> <p>The program takes 4 to 6 semesters. The duration of study can be adapted according to individual needs. The executive program is extra-occupational and allows students to continue with their present</p>



employment while studying. The program is based on a blended learning concept with six attendance phases alternating between 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 offered jointly by Ludwigsburg University of Education and Helwan University Cairo. Graduates receive a joint degree Master of Arts, accredited by AQAS.

**For further information
contact**

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