
Postgraduate Courses for
Professionals with Relevance
to Developing Countries

2006/2007



DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Deutscher
Akademischer
Austauschdienst
(DAAD)
Kennedyallee 50
D-53175 Bonn

Gestaltung

Kuhn, Kammann und Kuhn
D-50733 Köln

Redaktion

Eleonora Colotta
Dr. Michael Harms

Druck

Daemisch Mohr GmbH & Co. KG
D-53721 Siegburg

April 2005 – 10.000

© DAAD 2005

Disclaimer

The German Academic Exchange Service reserves the right not to be responsible for the topicality, correctness, completeness or quality of the information provided by the Courses. Liability claims regarding damage caused by the use of any information provided, including any kind of information which is incomplete or incorrect, will thus be rejected. Offers and information in this publication might be extended, changed or partly or completely deleted without separate announcement.

Table of contents

Preface		7
Economic Sciences / Business Administration / Political Economics		
Master's Programme in International and Development Economics	FHTW Berlin	9
Technology and Innovation Management	FH Brandenburg	11
Small Enterprise Promotion and Training (SEPT) ¹⁾	U Leipzig	13
International Management	FH Nürtingen	15
MBA-Program International Marketing ¹⁾	FH Reutlingen	17
Development Co-operation		
Development Management**	RU Bochum**	19
International Doctoral Studies Program for Development Research (IDPDR) ¹⁾	U Bonn	21
Engineering and related sciences		
Hydro Science and Engineering	TU Dresden	25
Textile and Ready-made Clothing Technology	TU Dresden	27
Sustainable Energy Systems and Management (SESAM)	U Flensburg	30
Geotechnique and Infrastructure in Civil Engineering and Surveying	U Hannover	34
Resources Engineering**	U Karlsruhe**	36
Technology and Resource Management in the Tropics and Subtropics	FH Köln	38
Water Management in Tropical and Subtropical Regions	U Lüneburg	41
Quality, Safety & Environment (QSE)	U Magdeburg	43
Postgraduate Programme Renewable Energy	U Oldenburg	45
Photogrammetry and Geoinformatics	FH Stuttgart	47
Infrastructure Planning*	U Stuttgart*	49
Electronic Systems & Engineering Management	FH Südwestfalen Soest	51
Mathematics		
Industrial Mathematics – Sandwich–PhD-Programme ¹⁾	U Kaiserslautern	53
Regional Planning		
Spatial Planning for Regions in Growing Economies (SPRING)	U Dortmund	55
Regional Science / Regional Planning	U Karlsruhe	58
Land Management and Land Tenure	TU München	60

Table of contents

Agricultural and Forest Sciences

Agricultural Science and Resource Management in the Tropics and Subtropics (ARTS)	U Bonn	62
Tropical Forestry and Management	TU Dresden	64
Agricultural Economics and Related Sciences (Doctoral Studies) ¹⁾	U Gießen/ U Hohenheim	66
Master in International Agribusiness	U Göttingen	69
Tropical and International Forestry	U Göttingen	72
Master of Science in International Horticulture	U Hannover	74

Environmental Sciences

International Studies in Aquatic Tropical Ecology (ISATEC)	U Bremen	77
--	----------	----

Medicine / Public Health

Community Health and Health Management in Developing Countries	U Heidelberg	79
--	--------------	----

Veterinary Medicine

Veterinary Public Health*	FU Berlin*	81
---------------------------	------------	----

Sociology and Education

Vocational Education and Adult Education in International Development Work	TU Dresden	84
Peace and Conflict Studies	U Magdeburg	87

* Biannual Admission – next intake in 2007

** Biannual Admission – next intake in 2006

¹⁾ Age limit: 32 years

Preface

Scholarships for Postgraduate Courses with Special Relevance to Developing Countries

The German Academic Exchange Service (DAAD) – Deutscher Akademischer Austauschdienst – supports a range of postgraduate courses at German Universities which aim at providing academically educated young professionals from Developing Countries with further specialised studies. The DAAD supports these selected programmes with a certain quota of scholarships and with financial assistance for a special tutoring system. At the end of each course (programmes run 12 to 24 months, depending on the particular institution) participants can in most cases obtain an internationally recognised Master's degree.

This booklet outlines the postgraduate courses offered by German Universities and "Fachhochschulen" (Universities of Applied Sciences) for which the DAAD currently offers scholarships – **i.e. for the academic year 2006/2007.**

Although the DAAD will grant **full and partial scholarships** for all courses described in this brochure, we would like to stress that the institutions also admit participants who are able to finance their studies individually or who have obtained a scholarship from their government or other sources.

The funds for all scholarships offered by DAAD for the courses in this booklet are provided by the Federal Ministry for Economic Cooperation and Development. It is intended to give junior executives from developing countries an opportunity to attend such degree courses.

The scholarships for postgraduate courses with special relevance to developing countries aim at promoting more than just teaching and research. The typical scholarship holder will come either from a public authority or state or private company in a developing country and as such be engaged in the planning and execution of directives and projects with emphasis on development policy having a bearing on technological, economic or social areas. Thus, apart from a degree relevant to the postgraduate course, it is required that candidates have **at least two years of related professional experience** in order to qualify for a scholarship.

Thus all applicants should state their current work situation at the time of application and submit a letter of reference from their employer, ideally guaranteeing employment after completion of the postgraduate course.

Applicants must, in addition to the required letters of recommendation, submit a 'statement of motivation' explaining their interest in the attendance of a particular postgraduate course with reference to their current employment.

We are afraid that we cannot accept applications from candidates who are older than 36 years of age. For some courses the age limit is 32 years; please refer to the course details on the following pages.

All postgraduate courses for which German is the language of instruction require that students take a German proficiency test, the "Deutsche Sprachprüfung für den Hochschulzugang ausländischer Studienbewerber" (DSH) or „Test Deutsch als Fremdsprache“ (TestDaF) before commencing their studies. Applicants with poor German proficiency may be awarded a six-month scholarship for an intensive German language course to be taken before the postgraduate course begins. (IMPORTANT EXCEPTION: candidates for the course at **FH Reutlingen** need a very good command of German at the time of application, see details at course description).

Preface

All participants in postgraduate courses for which English is the language of instruction must provide proof of their English proficiency upon application. This can be done by supplying a TOEFL (minimum score 550 points paper based or 213 points computer based) or IELTS (band 6) certificate. Participants of postgraduate courses in English will receive a scholarship for a two-month German language course to be taken prior to the commencement of the postgraduate course.

Further information on details of those postgraduate courses for which scholarships are available may be found on the following pages.

If you have no own financial resources or if you cannot obtain a scholarship from either your government, company or an international organisation you may apply for a DAAD scholarship – either full or partial. Application forms are available from the German embassies, one of the DAAD offices abroad or from the German University. It can also be downloaded from the Internet:

www.daad.de/deutschland/en/2.7.3.html

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

IMPORTANT: the application deadline may vary for the different courses. Please check with the relevant entry in this booklet. Please note that it is vital to submit applications either in English or in German. You may apply via the German Embassy in your country, or a regional DAAD office or directly at the University or Fachhochschule.

Applicants are requested to state whether they will be financing the desired degree course individually or whether the course can only be taken with the assistance of a DAAD scholarship. Chances of admission to postgraduate courses will be greatly enhanced for academically qualified applicants with personal financial resources.

The relevant institution of higher education decides on admission to the postgraduate course and simultaneously submits a proposal on the allocation of scholarships. The final decision on the allocation of scholarships is made by the DAAD.

Applicants will be informed about the results of the selection procedure as soon as possible.

NB:

All papers must be submitted in duplicate. Applications which do not clearly state the desired degree course or which are not completed in full cannot be processed and will not be considered for the selection.

CONTACT:

Deutscher Akademischer Austauschdienst

German Academic Exchange Service

Ref. 431

P.O. Box 20 04 04

D-53134 Bonn

Germany

Fax: +49-0228-882-662

e-mail: Ref.431@daad.de

Internet: www.daad.de

Master's Programme in International and Development Economics (MIDE)

Master's Programme in International and Development Economics (MIDE)

Institution	Fachhochschule für Technik und Wirtschaft Berlin (University of Applied Sciences Berlin)
Location	<p>Berlin - the German capital - with its more than 3.5 million citizens is the largest city in Germany as well as one of the ten largest metropolises in Europe. Berlin is a multicultural city with 425,000 foreigners from 184 countries, and the city has a long liberal cosmopolitan tradition. At the same time it is the most important scientific centre in Germany with an unusually high concentration and variety of universities and research facilities. Presently approximately 135,000 students are enrolled at 15 universities.</p> <p>FHTW Berlin is Berlin's most recent and largest application-oriented university. Over 8,000 students are enrolled in 28 degree programmes in the areas of business administration and management, engineering, informatics and design. In recent rankings of application-oriented business administration programmes, the FHTW Berlin has been placed among the leading Universities of Applied Sciences in Germany</p>
Course focus	<p>The Master's course in International and Development Economics is a 16-month full-time programme by the Department of Economics I (Business Administration) at the FHTW Berlin. The course, which was first offered in 2003, begins in April each year at the start of the summer semester. The programme consists of two semesters with lectures/seminars of around 20 hours per week, and a further 4-month period for writing a thesis and a final colloquium.</p> <p>First, the programme will provide students with a solid foundation in development economics, macroeconomics and modern theories of international trade and finance. Here, students will become familiar with contemporary economic controversies, especially those involving monetary, fiscal and exchange-rate policy. Second, the programme will focus on policy and management issues in key economic sectors, in particular agriculture, financial institutions and public enterprises. Hence, the course will be concerned with micro, meso (sectorial) and macro levels of activity. Throughout, the programme will strive to achieve a balance between theoretical reflection and practical application. It is expected that students have already acquired basic academic knowledge and skills in business management in their undergraduate course.</p> <p>The programme will prepare students to work in various areas related to developing countries. Graduates will be well-equipped to work for European companies which operate in developing countries, or for governmental or non-governmental institutions involved in development co-operation. In developing countries, graduates will be ideally suited for positions in government departments, banks, consulting organisations,</p>

Master's Programme in International and Development Economics (MIDE)

multinational companies, chambers of commerce or educational institutions such as universities.

The programme is accredited by FIBAA as a master's course.

Target group	The programme is designed for students from developing countries as well as for students from Germany and other developed countries who have a special interest in the economic challenges facing developing and transition countries.
Course language	The programme is taught entirely in English.
Entry requirements	<ul style="list-style-type: none"> ● Academic degree (4-year Bachelor or German "Diplom") in Economics, Business Administration or Social Science (with sufficient knowledge in business management and economics) ● For applicant holding a 3-year degree a minimum of one year's professional experience is required in addition to the academic qualifications. ● Proof of English language skills: TOEFL 580 scores, IELTS-Test score of 6.5 or equivalent
Degree awarded	Master in International and Development Economics (Master of Arts)
Course begins	1 April 2006
Course duration	16 months
Duration of German language course prior to beginning of programme	2 months (depending on scholarship)
Application deadline	31 August 2005 at the German Embassy and at DAAD; 30 September 2005 at the University.
Remarks	In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from our website (www.mide.fhtw-berlin.de).
For further information contact	<p>Fachhochschule für Technik und Wirtschaft Berlin Treskowallee 8 10313 Berlin International Office Heike Roehl Phone: +49-30-5019-2867 Eva Meyer Phone: +49-30-5019 - 2823 Fax: +49-30-5019 - 2293 e-mail: info-mide@fhtw-berlin.de http://www.mide.fhtw-berlin.de</p>

Technology and Innovation Management

Technology and Innovation Management

Institution	Fachhochschule Brandenburg (University of Applied Sciences of Brandenburg) in cooperation with the Brandenburgische Technische Universität Cottbus (Brandenburg University of Technology Cottbus)
Location	The University of Applied Sciences of Brandenburg is a tiny campus university with around 2,300 students, located close to the river Havel and several lakes. The city of Brandenburg – once of historic importance – has 76,000 inhabitants and is also attractive because the capital Berlin is in easy reach (40 minutes train ride). Cottbus, the easternmost city of Germany has 105,000 inhabitants and about 6,000 students. The campus of Brandenburg University of Applied Sciences is situated ten minutes by foot from the centre where the small but well restored old town close to the river Havel invites visitors to more than a stroll.
Course focus	<p>Technology and innovation management is the key to an understanding of the ever changing conditions that companies have to face. This environment is characterized by short life cycles of innovation, cost-intensive differences between technicians and managers, and the need to overcome national borders in thought and action. If managers want to meet these challenges successfully, they not only have to be able to initiate and implement technological and organisational innovations but also to combine them in a creative way with marketing requirements. For graduates and junior managers with an engineering or scientific background, the Master Course offers a chance to develop such skills through 5 modules:</p> <ul style="list-style-type: none"> ● Fundamentals of Technology and Innovation Management ● Fundamentals of Business Administration ● Engineering Management and Technical Consolidation ● Project Studies/ Integrated Project, e.g. during an internship in a company ● Social Qualifications <p>The programme is made up of 5 learning modules. The classes include lectures, seminars, laboratory courses, practical trainings, excursions, projects and are held both at the Fachhochschule Brandenburg and the Brandenburgische Technische Universität Cottbus.</p>
Target group	Graduates of computer, natural and engineering sciences
Course language	German and English
Entry requirements	<ul style="list-style-type: none"> ● Degree in engineering, natural or computer sciences with the degree being recognized as equivalent ● Language skills in German have to be proved via tests such as DSH or TestDaf; English skills have to be proved via TOEFL test ● two years professional experience is required

Technology and Innovation Management

Degree awarded	Master of Science
Course begins	October 2006
Course duration	24 months (4 semesters)
Duration of German language course prior to beginning of programme	4-6 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at University of Applied Sciences of Brandenburg and at DAAD.
Remarks	Special services include: tutoring, counselling, visits to enterprises, R&D institutes and transfer institutions and social activities.
For further information contact	Prof. Dr. Uwe Höft Coordinator "Technology and Innovation Management" University of Applied Sciences of Brandenburg Magdeburger Straße 50 D-14770 Brandenburg Phone.: (+49/33 81) 3 55-203 Fax: (+49/33 81) 3 55-299 E-mail: tim.counsellor@fh-brandenburg.de Internet: www.fh-brandenburg.de/fbw/

Small Enterprise Promotion and Training (SEPT)

Small Enterprise Promotion and Training (SEPT)

Institution	Universität Leipzig (University of Leipzig)
Location	Founded in 1409 as the second university in Germany, the University of Leipzig has always committed itself to the principle of universitas litterarum. More than 190 disciplines are taught at the university's 14 faculties and 150 departments. An even wider choice of individual study programs 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 programs 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.
Course focus	<p>SEPT was launched in 1998 at University of Leipzig with strong support from the German Academic Exchange Service (DAAD) as well as other private and public partners.</p> <p>SEPT is a research and training program at University of Leipzig dedicated to provide theoretical insight as well as practical experience to the promotion of small and medium-sized enterprises in Africa, Asia, Europe and Latin America.</p> <p>It covers a broad range of subjects, reflecting today's complex world:</p> <ul style="list-style-type: none"> ● theoretical discussions on economic relevance of SMEs; ● experiences of SME development in industrialized countries and the developing world; ● the economic, cultural and political environments for the development of SMEs; ● the pursuit of competitive advantage, by emphasizing innovation, creativity, intelligent decision-making and relationship-building; and ● specified knowledge in SME management and entrepreneurship. <p>Focusing on economic analysis, yet bringing together various approaches of social sciences we provide an interdisciplinary perspective on the study of SMEs in developing and transition economies. The course enables the participants to work as multipliers in decision-making positions, provide support to small and medium-sized businesses as well as promote innovative entrepreneurs. Apart from socio-political and economic considerations, by securing income and employment for the poor, the main focus is the identification of innovation and growth potentials in the SME sector and the development of concepts to re-evaluate long-term industrial and economic policies.</p>
Target group	The Master program targets the upcoming professionals and resource persons with practical experience in promoting and managing small and medium-sized enterprises.

Small Enterprise Promotion and Training (SEPT)

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

Course language	German and English
Entry requirements	<p>The general ability for this study has to be verified by a qualifying degree.</p> <p>Special prerequisites for the study of SEPT:</p> <ul style="list-style-type: none"> ● a university degree, at least on a Bachelor level in economic, business, social, natural or engineering science or an equivalent degree after a minimum study of 4 years from a renowned university, ● broad knowledge of economic issues, ● working experience of not less than 2 years, ● good knowledge of English. Foreigners must also prove sufficient knowledge of German (e.g. DSH or TESTDAF), ● a written application, ● Chinese applicants are required to submit an 'APS-Certificate', and ● age limit at the start of study: 32 years.
Degree awarded	Master in Small Business Studies (MSBS)
Course begins	every year in October
Course duration	22 months
Duration of German language course prior to beginning of programme	6 months
Application deadline	31 August 2005 at the German Embassy, 30 September 2005 at DAAD and 15 October each year at the University.
Remarks	<p>A six-month German language course begins early April each year (currently EURO 3,400; this does not apply to full DAAD scholarship holders)</p> <p>Costs of SEPT Master Program: Euro 750 each term (Euro 3,000 altogether). Successful applicants for a full DAAD scholarship will be exempted from fees.</p>
For further information contact	<p>SEPT Beethovenstraße 15 D-04107 Leipzig Phone: +49 (0)341-9737030 Fax: +49-(0)341-9737048 Email: sept@uni-leipzig.de http://www.uni-leipzig.de/sept</p>

International Management

International Management

Institution	Fachhochschule Nürtingen (University of Applied Sciences Nürtingen)
Location	<p>The city of Nürtingen with its 40.000 citizens is located in the Neckar valley and belongs to the larger Stuttgart region, one of Europe's strongest economic areas. University Nürtingen-Geislingen enjoys a high reputation among businesses and professionals: short academic programmes, small groups and more hands-on practicality in teaching.</p> <p>The University achieved remarkable results in national rankings. A leading business magazine ranked it among the best Universities of Applied Sciences in Business Administration.</p>
Course focus	<p>This postgraduate Master course has two main objectives: Graduates from an institution of higher education with a non-business background will get the opportunity of acquiring fundamental knowledge in business administration, management and economics. Furthermore the programme provides the necessary knowledge and understanding of international economic relations, intercultural issues and business language.</p> <p>A good mix of professors and business practitioners hold lectures in German and English language. During the Master's Programme students will learn to analyse international business and management problems. This enables students to find sound solutions for effective operations and sustainable economic success.</p> <p>Using teaching methods like case studies and team exercises the Master Programme imparts knowledge and abilities in the following areas:</p> <ul style="list-style-type: none"> ● Mandatory Modules: Basic elements in Business & Management, for example: Accounting, Management, Marketing, Economics, Law, English, International Economics, International Law, International Marketing, International Procurement/Logistics, International Financing, International Management, Foreign Trade, International Organisations, International Accounting, Intercultural Competence ● Mandatory Elective Modules Two subjects have to be chosen from the total offer: Automotive Sector, Business Financing, Industrial Environmental Management, Controlling, PR and Communication Management, Data Processing/Advanced Business Software Applications, International Business & Management, Financial Reporting, Logistics, Marketing, Market Research, Business Organisational, Strategy & Project Management, Human Resource Management, Bank Management, Co-operatives & Non-Profit –Sector Management, Real Estate Management, Industrial Administration, Tax Consultancy, Insurance Management, Financial Auditing, Agribusiness ● Additional Subjects: Foreign Languages French and Spanish

International Management

Target group	Non-business graduates, who want to work in positions requiring management know-how.
Course language(s)	German and English
Entry requirements	<ul style="list-style-type: none">● University degree or equivalent● At least 2 years of professional experience.● Compulsory: DSH or equivalent, TOEFL (500 points paper based / 173 points computer based) or equivalent / GMAT strongly recommended.● Abilities in mathematics and logics will be tested in August, before admission to the programme.● GMAT replaces TOEFL and admission test.● Age limit: 36.
Degree awarded	Master of Business Administration (MBA) in International Management
Course begins	October
Course duration	18 months (3 semesters)
Application deadline	31 August at the German Embassy, 30 September at DAAD and 15 October of the year prior to start at the University.
Remarks	Special services: Tutoring, social activities, cultural activities. There is an opportunity for internships before and after the course.
For further information contact	Hochschule für Wirtschaft und Umwelt Neckarsteige 6 – 10 Nürtingen-Geislingen Neckarsteige 6-10 72622 Nürtingen Programme Administration Phone: 49.7022 / 201-321 Fax: 49.7022 / 201-303 Internet: http://www.fh-nuertingen.de E-Mail: Intmanag@fh-nuertingen.de

MBA-Programme in International Marketing

MBA-Programme in International Marketing

Institution	European School of Business, Reutlingen University
Location	The city of Reutlingen is located in the Neckar valley in Southwest Germany, about 30 kilometers south of Stuttgart. As a middle-sized city of 100.000 inhabitants, it is a pleasant place for students to live and study. Reutlingen University has a first-class reputation. The results of two recent surveys conducted by the prominent Manager Magazin and the magazine Stern, have confirmed that Reutlingen University belongs to the top ten universities for Business Studies within German-speaking Europe.
Course focus	<p>The MBA-Programme "International Marketing" offers a wide and practice-oriented preparation for an international business activity. This additional education will provide students with extended knowledge of business management and economic correlations, marketing, international marketing, foreign trade, project management, international negotiations, intercultural management, company management and languages for international business.</p> <p>The course offers a supplementary qualification to graduates from any discipline who are interested in international activities. They require this supplementary qualification for employment in the competing international markets. Many experts from the business world are involved as lecturers and up-to-date teaching methods (e.g. case studies, teamwork, simulations) are used to ensure a strong practice orientation.</p>
Target group	Graduates from all academic disciplines can be considered except graduates with an economic first study, who can only be admitted in very exceptional cases.
Course language	German (70%), English (30%)
Entry requirements	<ul style="list-style-type: none"> ● First degree of a university or other recognised higher education institution ● Very good command of German (DSH or TestDAF or Zentrale Oberstufenprüfung of the Goethe Institut) ● Very good command of English ● Working experience of at least two years
Degree awarded	MBA in International Marketing
Course begins	March/September
Course duration	18 months
Application deadline	<p>15 January (summer semester)</p> <p>15 July (winter semester)</p> <p>31 August at the German Embassy; 30 September at DAAD; 15 October (for DAAD-scholarships).</p>

MBA-Programme in International Marketing

Remarks	In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from www.fh-reutlingen.de (applicants)
For further information contact	Reutlingen University ESB - European School of Business International MBA-Programs Kerstin Bender Alteburgstr. 150 D-72762-Reutlingen Germany Phone + 49 (0) 71 21/271-700 Fax + 49 (0)71 21/270 821 e-mail: kerstin.bender@fh-reutlingen.de http://www.esb-reutlingen.de

Development Management

Development Management

Institution	Ruhr-Universität Bochum, Institute of Development Research and Development Policy
Location	Ruhr-Universität Bochum is located in the industrial heart of Germany. With more than 35,000 students and a staff of 6,700, the Ruhr University Bochum is one of the most diversified German universities. Various central facilities, like the University Library and relaxation opportunities in the Botanical Gardens, are open for all members. 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	<p>The aim of the 18-month MA in Development Management is the training of professionals to meet the increasing need for experts in programme and project management that has emerged in international development cooperation. The course gives the student the necessary tools to deal with the practical problems of managing development programmes and projects:</p> <ul style="list-style-type: none"> ● an introduction to theory for embedding them in a wider context ● an interdisciplinary approach to methodology based on case studies ● the application of theoretical and methodological knowledge
Course structure	<p>During their first semester, students are given an interdisciplinary introduction to relevant theories and strategies of development. Students will learn about actors and institutions in international development cooperation and will be faced with case studies dealing with democratization, decentralization, and public sector management. Parallel to gathering knowledge about development theories, strategies and actors, the students select a development programme or project together with their mentor. This programme or project is preferably from their own country which will form the empirical basis of their final thesis.</p> <p>After the first semester, students undertake a two-month internship in Germany in a development organization or a corporation in the private sector. The organisation or corporation may have public-private partnerships in developing countries.</p> <p>On the basis of the knowledge of relevant theories and tendencies in international development cooperation that students have obtained in the first semester, the second semester is taken up with learning about the mix 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 to present the results in a seminar paper.</p> <p>After the second semester students undertake fieldwork on projects and programmes in international development cooperation in developing countries. This will form the basis of their final thesis.</p> <p>In the third semester students concentrate on writing up their thesis which has to contain theory, methodology, and the results of the fieldwork. The</p>

Development Management

thesis is designed to demonstrate the student's ability to embed the research in the scientific debate and to communicate it in a clear and coherent way.

Target group	Young professionals from developing countries with a B.A. or relevant degree and practical experience with relevance to development management.
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● B.A. or relevant degree in political science, social science, law, economics or geography or in other subjects related to planning and evaluation of development programmes and projects ● At least two years career experience in a relevant field; preference is given to candidates whose employers offer a reintegration guarantee ● Minimum certified proficiency in written and spoken English – TOEFL: 550 points paper based (equivalent to 213 points computer based) or IELTS: band 6 ● Age limit: 36
Degree awarded	Master of Arts in Development Management
Course begins	September 2006
Course duration	18 months
Duration of German language course prior to beginning of programme	2 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University.
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 students for the entire 18 months.</p> <p>Two summer schools together with the twin course of the MA in Development Management, the Bochum Programme of Development Management at the University of the Western Cape, Cape Town, South Africa are included in the program, one in Bochum and one in South Africa.</p>
For further information contact	<p>Institute of Development Research and Development Policy Ruhr-Universität Bochum Dr. Gabriele Bäcker Universitätsstr. 150 44801 Bochum Germany Phone (++49-234) 32 - 27 770/-22 418 Fax (++49-234) 32 - 14 294 e-mail: ieemdm@ruhr-uni-bochum.de http://www.ruhr-uni-bochum.de/iee/</p>

**International Doctoral Studies Program for
Development Research (IDPDR)**

**International Doctoral Studies Program for Development Research
(IDPDR)**

Institution	Universität Bonn, Zentrum für Entwicklungsforschung (ZEF) - Center for Development Research
Location	<p>With a student population of 38,000 including 3,700 international students, the University of Bonn is not only one of the largest in Germany but also an institution rich in tradition. Proof of its international reputation is to be found in its partnerships with the most distinguished universities in Europe, North America, Asia and Australia. The city of Bonn can look back upon a history of more than 2,000 years. In its new role as Federal City, Bonn has become headquarter for a big number of international institutions.</p> <p>Course focus The Center for Development Research (ZEF) in Bonn, Germany, offers a Doctoral Program for Development Studies in English language. The Program is an initiative to provide a high-qualification to up-coming young scientists engaged in political, social and natural sciences, economics, ecology, agriculture and management of natural resources. It offers doctoral degrees of a top academic standard.</p>
Course focus	<p>The Doctoral Program at ZEF is designed to give particular consideration to the academic needs of students from developing countries. ZEF provides intense study counseling and academic support services by tutors and mentors. Guided by ZEF, and following consultations with a potential thesis supervisor identified by ZEF, the doctoral thesis is submitted to a co-operating faculty in Germany or abroad. The doctoral degrees may be in Social or Political Science, Economics, Agricultural Economics, Agriculture, Natural Science. In general, the Doctoral Program has a clearly-defined length of 38 months: although the program is exclusively in English, it starts with a German language course (duration 2 months) to facilitate living in Germany. After an initial phase of 6 to 12 months for preparation with a tightly organized course program, the doctoral candidates conduct their research at their specific locations abroad, usually in their home country, in an environment with qualified advisors and supervisors. After their empirical research (normally one to two years), the candidates return to ZEF for the write-up of their thesis. Although the individual phases of the doctoral study might vary according to discipline and subject, the complete duration is fixed. The doctoral thesis has to be accomplished within 38 months. The limited number of participants (max 30 students) in the courses allows for intensive interaction. The students learn to work in teams and to identify and analyse problems of development and to elaborate possible solutions.</p> <p>The Center for Development Research (ZEF) is a multi-facultative and interdisciplinary institution with three departments:</p> <ul style="list-style-type: none"> ● Political and Cultural Change Director: Prof. Dr. Solvay Gerke

International Doctoral Studies Program for
Development Research (IDPDR)

- Economic and Technological Change
Director: Prof. Dr. Klaus Froberg
- Ecology and Resource Management
Director: Prof. Dr. Paul L.G. Vlek

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

The doctoral research areas:

The research plan to be submitted by candidates should be formulated in reference to the core research themes of ZEF and its constituent departments (see below). Only in exceptional cases, ZEF may also consider proposed PhD projects which lie outside ZEF's core research activities.

Research on Political and Cultural Change

- Natural Resources Governance
- Diversity
- Water Security
- Governance and Conflict
- Natural Resources and Social Dynamics
- Culture, Knowledge and Development
- Human Rights

Research on Economic Development and Technological Change

- Natural Resources Governance
- Diversity
- Water Security
- Governance and Conflict
- Poverty Reduction
- New Technologies
- Trade and Globalization

Research on Ecology and Natural Resource Utilization

- Natural Resources Governance
- Diversity
- Water Security
- Risks
- Ecosystem Services
- Desertification
- Climate Change
- Ecosystem Functioning

Target group

The targeted group of participants are students around the world with outstanding master (first or upper second class honours) or equivalent degrees acquired in their home countries or from elsewhere; young

International Doctoral Studies Program for
Development Research (IDPDR)

scientists from universities or already employed in national or international research institutions, government, or the private sector with a keen interest in interdisciplinary approaches to problem solving. Since its inception in 1999, 245 PhD students from 55 countries have participated in the International Doctoral Program for Development Studies at ZEF, and 82 of them have completed their studies. At the moment, 137 students are enrolled in the program.

Course language English

Entry requirement A successful application requires an excellent Master or equivalent degree (G.P.A. greater than 3.0 in the American system, grade better than 2.0 in the German system or equivalent) in Economics, Political Science, Agricultural and Resource Economics, Engineering Degrees, Geography, Mathematics, Natural Science or Agriculture.

Prior to sending the application documents and filling out the application form, each applicant must register online at www.zef.de. During online registration you will be asked to enter your personal data and information. After successful submission of your online registration you will receive a confirmation by e-mail. This e-mail message contains your registration number and all necessary information required for your application. Please note that your online registration helps accelerate the selection and admission procedure, it IS NOT a substitute for the required documents sent by air or surface mail to the program coordinator's office.

The application has to be written in English language and must include: in addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from www.zef.de, a letter of application (1 page), an abstract of the master or diploma thesis in English language as well as information on any previous study or research work considered to be significant for the application, a plan of proposed research (about 5 pages), and letters of recommendation and completed reference forms from two professors or supervisors, a curriculum vitae and copies of all relevant certificates of degrees obtained. Incomplete applications are not considered.

The complete application including the official DAAD application form has to be send to ZEF.

Certified proficiency in English – TOEFL (550 points) or IELTS (band 6) – certificate;

Age limit: 32 years for resident scholarships and for the sandwich scholarships

Degree awarded In consultation with ZEF, the doctoral thesis may be submitted to any cooperating faculty in Germany or abroad (as sandwich-models). The doctoral degrees may be in Social Science, Economics, Agricultural Economics, Agriculture, Natural Science.

Course begins every year in August (German language course, optional) or October (preparatory).

International Doctoral Studies Program for
Development Research (IDPDR)

Course begins	October
Course duration	In general, the Doctoral Program has a clearly-defined length of 38 months: although the program is exclusively in English, it starts with a German language course (duration 2 months) to facilitate living in Germany. After an initial phase of 6 to 12 months for preparation with a tightly-organised course program, the doctoral candidates conduct their research at their specific location abroad, in an environment with quality advisors and supervisors. After their empirical research (normally one to two years), the candidates return to ZEF for the write-up of their thesis. Although the individual phases of the doctoral thesis might vary according to discipline and subject, the complete duration is fixed. The doctoral thesis has to be accomplished within 38 months (including the German language course).
Application deadline	For citizens from Developing Countries: yearly on 31 August at the University, at the German Embassy or at DAAD offices. For Germans, Europeans and citizens from other Developed Countries: yearly on 31 May. Applicants, who have already sufficient own funds, a scholarship awarded or want to apply for a scholarship not directly available from ZEF, can submit their application at any time. Course modules start in October, yearly. A two-month German language course starts on 1 August, yearly.
Remarks	The Doctoral Program at ZEF is designed to give particular consideration to the academic needs of students from developing countries. ZEF provides intense study counselling and academic support services by tutors and mentors. The limited number of participants (30 to 35 students) in the courses allows for intensive interaction. The students learn to work in teams and to identify and analyse problems of development and to elaborate possible solutions. Appropriate financial support for the research agreed upon will be made available from ZEF resources.
For further information contact	Center for Development Research (ZEF) International Doctoral Studies Program for Development Research Dr. Günther Manske Walter-Flex-Str. 3 53113 Bonn Germany Phone (++49/228) 73-1794, -1727 Fax (++49/228) 73-1839 e-mail: docp.zef@uni-bonn.de http://www.zef.de

 Hydro Science and Engineering

 Hydro Science and Engineering

Institution	Technische Universität Dresden (Dresden University of Technology)
Location	The Dresden University of Technology is one of the largest universities in Germany with an enrolment of about 30,000 students. Around 10 percent of the student body are foreign students from approximately 100 different countries. The university hosts 14 faculties, among them the Faculty of Forestry, Geo- and Hydro Sciences is one of the largest (with more than 2,700 students). The City of Dresden is the capital of Saxony with about a half million inhabitants. Dresden is located at the Elbe River and renowned for its opera, concert halls, theatres, museums and art galleries. Students can also enjoy the large variety of pubs and cafes. Dresden is surrounded by large forests and mountains offering a plenitude of opportunities for hiking, biking, mountain climbing, swimming and skiing.
Course focus	<p>The graduate programme focuses on the trans-disciplinary fields of water and natural resources management and engineering in different climatic zones. It is designed to enable the participants to acquire and expand their professional and methodological qualifications. This programme meets international standards required to pursue and develop their careers within national and international authorities and organisations, engineering and consulting enterprises as well as research work.</p> <p>The MSc programme will convey knowledge to protect and manage water resources in different climatic zones as well as to design and construct water supply and waste water treatment. The course of study is separated into basic and advanced courses during the first three semesters. A final semester is dedicated primarily to the master's thesis. During the basic courses students attend lectures on statistics, meteorology, hydrology, geodesy and soils. Students with a degree in environmental sciences need to take classes in hydromechanics and hydraulic engineering. Students with a degree in engineering need to study ecology and hydrochemistry. During the advanced courses students choose five from the following modules: i. Climatic change and socio-economy; ii. Groundwater (land use systems and soil water management); iii. Eco-toxicology/ water quality management/ limnology; iv. Systems analysis and hydro dynamics; v. Watershed management; vi. Contaminants in aquatic systems and drinking water treatment; vii. Urban water; viii. Biotechnology and contaminated site treatment; ix. Integrated risk management of extreme floods. In addition, several study projects are required.</p>
Target group	Limited to graduates (Bachelor) in environmental sciences or engineering disciplines and professionals after successful study and at least one year of practise
Course language	(predominantly) English
Entry requirements	Applicants must hold at least a Bachelor of Science degree in environmental sciences or civil engineering. In addition, applicants must prove sufficient proficiency in English. The most widely recognized tests are:

Hydro Science and Engineering

- IELTS: required level 6.0
- TOEFL: required level 550 points
Certificates of equivalent standard will also be considered.

Degree awarded	Master of Science (MSc) in Hydro Science and Engineering
Course begins	October 2006
Course duration	24 months
Duration of German language course prior to beginning of programme	Two months (August-September) for DAAD scholarship holders.
Application deadline	31 August 2005 at German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University.
Remarks	Professional experience is not essential for the course but treated as an additional criteria.
For further information contact	<p>Technische Universität Dresden Fakultät Forst-, Geo- und Hydrowissenschaften D - 01062 Dresden Germany Prof. Dr. Christian Bernhofer Dean of Study Phone: +49 351 463 3 1340 Fax: +49 351 463 3 1302 bernhofer@forst.tu-dresden.de</p> <p>Dr. Karin Luckner Teaching Adviser Phone: +49 351 463 3 7524 Fax: +49 351 463 3 7288 karin.luckner@mailbox.tu-dresden.de</p> <p>Jörg Seegert Executive Manager DKW - Dresden Center for Water Resources Research - Phone: +49 351 463 3 1345 Fax: +49 351 463 3 1302 joerg.seegert@mailbox.tu-dresden.de</p> <p>http://www.tu-dresden.de/aaa/programme/hydro/Welcome.htm or http://www.hse-master-programme.de</p>

Textile and Ready-Made Clothing Technology

Textile and Ready-Made Clothing Technology

Institution	Technische Universität Dresden
Location	<p>The „Technische Universität Dresden“ was founded in 1828 and is among Germany's oldest universities of technology. The TUD is the largest university in the German Federal State of Saxony, with more than 34500 students and 4000 employees, including about 435 professors. The TUD's 14 faculties cover a wide range of fields in science and engineering, humanities, social sciences and medicine. In addition to the wide range of studies available to students, the university offers programs for international study.</p> <p>Dresden, the capital of Saxony, is a baroque city with 450 000 inhabitants, located in the heart of Europe, with long tradition of contact to the East and the West. It offers excellent cultural and social activities and sports in the beautiful surroundings.</p>
Course focus	<p>Experts and managers working in textile and clothing industries, in institutions of education and research, as well as in agencies and government departments of developing countries are required to have very good knowledge of logistics, management and business administration. Opportunities to acquire this knowledge are offered in advanced academic courses. This knowledge is based on a variety of educational and training programmes meeting the demands of the developing countries. According to the complexity of the special field, the graduate will be trained and educated in the classical fields of textile and ready-made clothing industries, which are widespread in the developing countries, as well. In addition, the often high level of the implementation standard in the textile and ready-made clothing factories in the developing countries is taken into account by imparting latest knowledge on developments and by deepening this knowledge within practical training, excursions, conferences and trips to fairs.</p> <p>The course of studies consists of core subjects where basic knowledge in mathematics and engineering science and knowledge in the special disciplines are taught. Within the required electives, deepening instruction is offered to specialize for the future professional career.</p> <p>The course of studies consists of 4 semesters including a practical training and a Master 's thesis. Within various instructional fields, there will be focus on the following subjects:</p> <p>1. Fundamentals of mathematics and engineering sciences such as technical mechanics and machine elements. Within this field, basic knowledge is brushed up and gaps are filled to prepare the student for specialized studies. This fundamentals module can be individually and flexibly modified by alternative programme offers to meet the demand of the student concerned. In individual cases, previous knowledge may be acknowledged so that it is not required that the student has to attend the lectures of this module at all or at least only to some extent.</p>

Textile and Ready-Made Clothing Technology

2. Special disciplines, such as business administration, project management, logistics, textile materials engineering and textile testing technique, processes and machines of textile and ready-made clothing technologies as well as textile finishing will be on offer. In addition, special seminars which are geared towards specific problems of the developing countries are available as will be the practical work in the enterprise and the Master's thesis. Within these special disciplines, classical knowledge as well as knowledge of new fields is imparted. The students will get familiar with the findings of latest research and will be trained at progressive machines and equipment of the German textile and ready-made clothing machinery.

3. The required electives are individually chosen by the student with regard to his future professional activities. Training and education is either oriented towards textile technology, ready-made clothing technology or textile chemistry. Additional subjects are offered such as special fibrous materials, non-woven fabrics engineering, textile recycling, organisation of production and logistics in ready-made clothing, design and construction in ready-made clothing technology, technical textiles manufacture, CAD systems, macromolecular chemistry, textile finishing including pre-treatment, dyeing, printing and finishing.

4. A two-month practical training in German enterprises of textile and ready-made clothing machinery as well as in production plants of textile and clothing industries will be realized. Based on the international character of the German textile, ready-made clothing and clothing industries and of machine building in the practical training, intentions and demands of the students from developing countries are taken into consideration and adequate opportunities are offered which are oriented towards their future activities.

5. A period of four months is specified to write the Master's thesis. Tasks are assigned specifically to students from developing countries which enable them to attain a scientific, practically oriented education meeting the necessities of developing countries.

Target group

Experts in technical leading functions including management and marketing of 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 organizations with at least 2 years of professional experience.

Course language

German

Entry requirements

- Degree (B.Sc.) in textile and/or ready-made clothing technologies or textile and clothing technologies and textile chemistry/textile finishing, or a university degree including relevant career experience in the field of the intended Master's degree of at least 2 years duration before application to the DAAD scholarship.
- DSH or TestDaF (grade TDN4 or TDN5)
- Age limit: 36

Textile and Ready-Made Clothing
Technology

Degree awarded	Master of Science (M. Sc.) in Textile and Clothing Engineering
Course begins	October 2006
Course duration	24 months
Duration of German language course prior to beginning of programme	6 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University.
Remarks	A six-month German course begins early April 2006. It is vital, however, that you will start learning German as soon as you decide to apply for admission and/or scholarship.
For further information contact	Technische Universität Dresden Fakultät Maschinenwesen Institut für Textil- und Bekleidungstechnik Prof. Dr.-Ing. habil. Dr. h. c. Peter Offermann or Dr.-Ing. Joachim Arnold 01062 Dresden Germany Phone: (+49/351) 463 393 00 Fax: (+49/351) 463 393 01 e-mail: arnold@itbh6.mw.tu-dresden.de http://www.tu-dresden.de/mw/itb/home1/english/index.html or: http://www.agep.edu

**SESAM – Sustainable Energy Systems
and Management**

SESAM – Sustainable Energy Systems and Management

Institution	Universität Flensburg (University of Flensburg)
Location	Flensburg is a small pretty town on the Danish border flanking the Flensburg Fjord - an inlet of the Baltic Sea. Quaint cheerfully coloured houses with steeply pitched roofs line narrow streets which wind their way to the top of the small hills on each side of the inlet. It is also well known as a fishing and trading port, and ships are still built here. The town centre is busy with a wide range of modern shops, cafes, clubs and museums. The campus of the university is linked by a 10 minutes bus ride to the centre of the city.
Course focus	<p>There are signs that the unrestrained use of limited natural resources endangers sustainable development on the local and global level. Therefore at the 1992 Rio Conference the representatives of 174 states agreed upon the Agenda 21 as an action plan for the 21st century. The core principle of this document is the focus upon sustainable development in order to preserve living conditions for present and future generations. At the same time the transition towards a knowledge-based information society has caused great changes in technology, work, economics, environment and society, not only in industrialised nations but also in the developing world. The increasing globalisation of the world economy and of communication systems demands parallel - and significant - changes in professional qualifications: professional training will play a key role in international co-operation.</p> <p>Experts in the field of international development thus need to be able to work with new technologies, new organisational structures and management strategies in order to tackle the core problems of environmental degradation, diminishing natural resources and increasing poverty. An important "tool" in this process is the use of sustainable energy systems which represent an essential precondition for social and economic development of a country - together with the changing of attitudes, community mobilisation and transfer of knowledge.</p> <p>Of equal importance is the transfer of further key qualifications:</p> <ul style="list-style-type: none"> ● ability to view problems/solutions in their entirety, i.e. a holistic approach ● creativity and openness to innovation ● interdisciplinary approach ● problem-solving ability ● social competencies and the ability to operate in teams <p>SESAM therefore seeks to recruit students from:</p> <ul style="list-style-type: none"> ● national and international development organisations Ministries and administrative bodies ● planning and consulting firms ● businesses active in the field of energy supply

SESAM – Sustainable Energy Systems and Management

SESAM aims to prepare these participants for employment in a local as well as in an international environment. Graduates will be able to:

- Work in leading positions in national and international organisations as well as in businesses in order to promote sustainable development strategies, programmes and projects through participatory planning methodologies and community mobilisation.
- Implement locally-suited energy concepts in the context of sustainable development at local and regional levels

After successful graduation SESAM graduates will be able to work in medium and higher management in businesses, organisations and ministries.

Structure and contents

The course will encompass the following study phases:

Study Phase 1: Interdisciplinary studies: technology and management streams (10 months: April to January in Germany)

Lectures and seminars will address the following subject areas:

- technology with emphasis on renewable energy
- project management and development strategies
- environment and economy
- social-cultural aspects

Study Phase 2: International Classroom, field research and examination phases (8 months: February to September in Asia/Africa/Latin-America and Europe)

Students will take part in a five-month international study programme. The aim is to provide students with the opportunity to apply and extend the knowledge and skills they have won through their lectures and seminars at the University of Flensburg. The first two months will be devoted to participate in an International Classroom: The International Classroom is a guided practical field research related to energy projects in rural areas. The students are required to do a small research in a team and to present their results to the partner organisations. So far the International Classroom has been organised in cooperation with the United Nations Development Programme (UNDP) in Nepal and its "Rural Energy Development Programme REDP" and with the "Community Energy Unit" of the "Highlands and Islands Enterprises" in Scotland.

Another three months are assigned for an individual research at universities or development agencies in different countries. SESAM participants are responsible for preparing and organising their research abroad, though the Institute of Management will provide assistance.

The results of the student's research abroad will provide the core of the MSc dissertation and oral exams, both of which are to be completed in the ensuing three-month examination phase.

SESAM – Sustainable Energy Systems and Management

Target group	Engineers, Natural Scientists and Economists with experience in the energy sector
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● B.Sc. or equivalent university degree after a minimum of four years of studies ● Professional experience of at least two years in a field related to the course focus ● Proficiency in the English language (TOEFL Score 550, IELTS Band 6 or equivalent) ● For applicants without adequate knowledge of German a two-month German course begins in February every year at the university. Participation is compulsory for DAAD scholars ● Age limit: 36 for DAAD scholarship applicants
Degree awarded	Master of Science (M.Sc.) in Energy Systems and Management
Course begins	April every year
Course duration	18 months
Duration of German language course prior to beginning of programme	2 months
Application deadline	31 March in the year before the course begins at the German Embassy; 30 April in the year before the course begins at DAAD; 15 May in the year before the course begins at the University
Remarks	<p>The application form must be accompanied by:</p> <ul style="list-style-type: none"> ● CV ● School and university transcripts ● Certificates proving award of BSc or MSc in the relevant subject ● Details of further work experience and qualifications ● Language certificates ● Expectations towards the SESAM course and individual motivation for application ● Proof of ability to finance the course <p>Self-paying participants without scholarship or scholarships from other donors than DAAD will have to pay a study fee of 7,500 EUR to SESAM for tutorials and seminars. The fee for the two-month German language course is 1,000 EUR. Monthly outgoings will be about 650 € for food and accommodation, health insurance, books, excursions and transport as well as administrative and Student Union fees. Participants will also need to fund their international research abroad. The total cost for the SESAM MSc course including the flights, language course, stay in Germany, all study fees and international field research will therefore be about 25,000 EUR. Reduced study fee might be offered by the University in cases of social hardship.</p>

SESAM – Sustainable Energy Systems
and Management

In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available at www.uni-flensburg.de/sesam

**For further
information contact**

University of Flensburg
International Institute of Management
SESAM-Office
Munketoft 3 b
D-24937 Flensburg / Germany
Phone: (++49/4 61) 8 05-25 03
Fax: (++49/4 61) 8 05-25 05
email: sesam@uni-flensburg.de
<http://www.uni-flensburg.de/sesam>

Geotechniques and Infrastructure in Civil Engineering and Surveying

Geotechniques and Infrastructure in Civil Engineering and Surveying

Institution	Universität Hannover (University of Hannover)
Location	The University of Hannover with more than 30,000 students and about 1,700 employees (including 400 professors) offers a broad study spectrum from natural sciences and engineering to economics, law and the humanities. Hannover is a cultural centre in northern Germany. It has several theatres, an opera house and a number of museums. Touristic highlights are the Old Town Hall, the Market Church and the Leibniz House, where Gottfried Wilhelm Leibniz lived from 1698 up to his death in 1716. Because of its numerous parks, Hannover is a very green city.
Course focus	<p>Objects:</p> <ul style="list-style-type: none"> ● Applying modern, practical methods and technologies in civil engineering based on a scientific background, ● Conveying extended practical and theoretical knowledge, ● Considering the home countries' resources when using new construction methods, ● Theoretical and experimental training at the University of Hannover <p>Students are offered 22 courses at the AGTZE (Working Group on Technological Cooperation with Developing Countries). At least 12 out of these 22 courses have to be selected and must be completed successfully within the assigned time for completing the course. The programme offers the following courses:</p> <p>Experimental Soil Mechanics, Software Methods, Road Technology, Material Testing and Quality Control, Concrete Technology, Field Measurements and Instrumentation in Geotechnical Engineering, Foundations and special ground construction, Earthworks and dam construction, Tunnelling, Securing of Excavations, Computer Graphics, Water Resources, Water Management in Developing Countries, Traffic Planning, Road Design, Construction Management, Bridge construction, Geographical Information Systems, CAE in Hydraulic Engineering, Land registration and Land Management, Sanitary and Environmental Engineering.</p>
Target group	Civil engineers from developing countries looking for an additional academic qualification in order to manage different projects in their home country by using its own resources.
Course language	German
Entry requirements	<ul style="list-style-type: none"> ● B.Sc. or equivalent university degree after a minimum of four years of university education and two years of professional experience ● DSH or TestDaF ● Age limit: 36 years
Degree awarded	Master of Science in Geotechniques and Infrastructure (M.Sc.)

Geotechniques and Infrastructure in Civil
Engineering and Surveying

Course begins	October 2006
Course duration	24 months (courses 20 months, final work 3 months, practical training 1 month)
Duration of German language course prior to beginning of programme	6 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University.
Remarks	Submitted documents will not be returned
For further information contact	University of Hannover Working Group on Cooperation with Developing Countries Prof. Dr.-Ing Martin Achmus Appelstraße 9A 30167 Hannover Germany Phone (+49/5 11) 7 62-33 70 / -51 06 Fax (+49/5 11) 7 62-51 05 e-mail: agtze@igbe.uni-hannover.de http://www.unics.uni-hannover.de/nhgwboek/AGTZE/

Resources Engineering

Resources Engineering

Institution	Universität Karlsruhe (TH) (University Karlsruhe)
Location	The University of Karlsruhe was founded in 1825 and is the oldest technical university in Germany. Today the university is among the best in Europe. Twelve faculties and 117 institutes as well as many central institutions give 15,000 students opportunities for very good theoretical and practical education. Approximately 15 % of the student body is from foreign countries. Karlsruhe was founded in 1715 and is located in the Rhine basin. It borders on the Black Forest and has 270,000 inhabitants. This region has the highest per capita number of researchers in Germany.
Course focus	<p>The programme is a multidisciplinary approach to the planning and management of sustainable development and utilisation of water, land and energy resources with particular reference to Developing Countries. The course has components in natural sciences, advanced and appropriate technology, socio-economics and management; its objective is to encourage students to integrate regional requirements while taking into account the long-range preservation of the environment. The course comprises three six-month terms.</p> <p>During the third semester the students are required to write a thesis in order to demonstrate their ability to analyse systems and to develop an appropriate approach to a given problem. A study unit consists of lectures, seminars, tutorials and/or guided applications, course work and study tours.</p> <p>Apart from studying the „standard programme“ it is also possible to specialise in the fields of „water“, „land“ and „energy“ resources.</p> <p><i>Curriculum</i> Prerequisites: Mathematics, Physics, Environmental Geo-Chemistry Mandatory Modules: Mathematics, Statistics, Physics, Environmental Bio-Geo-Chemistry, Social Sciences and Economics, Surveying & GIS, Hydromechanics and Hydrology, Planning, Energy, Land Use & Agriculture, Water Supply, Wastewater Disposal and related Solid Waste Management, Management Optional Modules: for example: Municipal Water Resources Management and Pollution Control, Facility Management / Corporate Real Estate Management, Tropical and Subtropical Agriculture</p>
Target group	Mainly civil engineers (hydraulic engineering, town and regional planning), agricultural engineers and engineers from environmental sciences-related courses
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● Bachelor's degree in civil engineering, sanitary or agricultural engineering, environmental engineering or related subjects ● English: TOEFL test (550 points / 210 computer based) or IELTS (band 6) certificate

Resources Engineering

- In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from the internet address below.

Degree awarded	M.Sc. (Res.Eng) Master of Science Resources Engineering
Course begins	October 2006
Course duration	18 months
Duration of German language course prior to beginning of programme	2 months (for scholarship holders only)
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD and at the University for DAAD scholarships; 15 April 2006 at the University for self-financing students.
Remarks	Admission is on a biannual basis. Applications have to be submitted in English.
For further information contact	Universität Karlsruhe (TH) Fakultät für Bauingenieur- Geo- und Umweltwissenschaften Resources Engineering Scientific Director Prof. Dr.sc.agr. Dieter Prinz Kaiserstrasse 12 76131 Karlsruhe Germany Phone (+49-721) 608-4894 / -7061 Fax (+49-721) 608-6165 e-mail: res.eng@bgu.uni-karlsruhe.de http://www.uni-karlsruhe.de/~reseng/

Technology and Resource Management in the Tropics and Subtropics

Technology and Resource Management in the Tropics and Subtropics

Institution	Fachhochschule Köln (University of Applied Sciences Cologne), Institut für Tropentechnologie (ITT, Institute for Technology in the Tropics)
Location	With almost 20,000 students in 10 Faculties, the University of Applied Sciences (Fachhochschule) Cologne is the largest institution of its kind in Germany. Due to its spectrum of research and wide range of high quality courses, the Fachhochschule Cologne is a popular co-operation partner with numerous contacts with universities worldwide as well as with trade and industry. The close interrelationship between academic and practical fields results in a direct input of latest developments into the interdisciplinary instruction. Cologne is a city of trade fairs and media, has international flair and offers various cultural activities.
Course focus	<p>The two-year postgraduate programme “Technology and Resource Management in the Tropics and Subtropics” provides young German and foreign natural scientists and engineers with additional subject-related know-how dealing with appropriate technologies in the Tropics and Subtropics, as well as fundamental skills in resource management.</p> <p>The growing complexity of economic and social circumstances is met with interdisciplinary and practice-oriented studies. Goal is to enable the students with the capacity to recognize, analyze and develop solutions for the many-layered and encompassing problems in tropical and subtropical countries as well as to assess the resulting effects and side-effects of these solutions in an interdisciplinary manner. They are prepared for the task of appropriately applying technologies in the service of economic, social and ecological requirements. The students set their focus (elective module) within the study plan as best fits their goals.</p> <p><i>Contents</i></p> <p>Basic and project modules: Geography and environmental problems, project and management science, international cooperation and projects, system and information science, environmental economics and legislation, methodological and social competencies, students team project</p> <p>Elective section:</p> <p>a) Integrated water management: water economy, urban water management, integrated river basin management, hydrology, institutional water aspects, irrigation and drainage engineering.</p> <p>b) Land use systems: principles of agricultural production, mechanisation of agricultural production, irrigation management, soil and the environment.</p> <p>c) Sustainable building: Integrated planning and building in the Tropics and Subtropics, urban and regional planning, adapted construction methods, energy and climate aspects, infrastructure, social and cultural aspects.</p>

Technology and Resource Management in the Tropics and Subtropics

d) Renewable energies: principles of renewable energy use, energy management and modelling, thermic systems, wind/solar/water energy.

It is recommended that all students travel and become acquainted with a tropical or subtropical country in preparation for their master's thesis. The ITT may arrange contact with a university or institution of international cooperation for in-country association. Students are often integrated in current research projects.

With the specific knowledge gained from their first degree and the interdisciplinary and increased knowledge from this programme the graduates are sought-after specialists and leaders in the field of international cooperation. Possible career fields are national and international, federal and federally supported institutions of international development cooperation, private consulting, and other organizations and companies involved in international cooperation.

Target group	Scientists working in the field of engineering, natural sciences, geosciences, agriculture, forestry, architecture or informatics who are interested in a position in the field of international cooperation as well as technology and resource management in the Tropics and Subtropics
Course language	German/English
Entry requirements	<ul style="list-style-type: none"> ● BSc degree or equivalent in engineering, natural sciences, geosciences, agriculture, forestry, architecture or informatics ● at least two years of professional practice ● Certified proficiency in English – TOEFL (550 points), Computer TOEFL (213 points), IELTS 6.0, GCSE Level C, or equivalent certificate. ● Certified proficiency in German – Goethe Institute Grundstufe III or equivalent certificate ● Age limit: 36 years ● Chinese applicants are required to submit an APS-Certificate
Degree awarded	MSc Master of Science
Course begins	End of September every year
Course duration	24 months
Duration of German language course prior to beginning of programme	4 months
Application deadline	For DAAD candidates: 31 August at the German Embassy; 30 September at DAAD; 15 October of the year prior to start, at ITT. For all other applicants: every year on 15 July.
Remarks	A preliminary German course for DAAD scholarship holders begins in June. A field research of three to five months forms part of the Master thesis.

Technology and Resource Management in
the Tropics and Subtropics

Applications have to be submitted in English.

A list of all application documents required in addition to the official DAAD application form is available on the institute's website:
www.tt.fh-koeln.de.

ITT assists you in finding accommodation when coming to Cologne. Accommodation for students' family cannot be arranged.

The programme is conceptualized as a night-school giving the students the possibility to gain on-the-job experience during their studies.

ITT offers additional language classes in Spanish and Portuguese.

**For further
information contact**

Institut für Tropentechnologie
Prof. Dr. Hartmut Gaese
Betzdorfer Straße 2
50679 Cologne
Phone (+49 21) 82 75-27 74
Fax (+49 21) 82 75-27 36
e-mail: info.itt@dvz.fh-koeln.de
<http://www.tt.fh-koeln.de>

Water Management in Tropical and Subtropical Regions

Water Management in Tropical and Subtropical Regions

Institution	Universität Lüneburg, Campus Suderburg (University of Lüneburg, Campus Suderburg)
Location	Suderburg is a community with a population of 7,200 located on the train route between Hannover and Hamburg. Aside from extensive cultural events presented in the nearby cities, Suderburg offers pure nature-forest-heath surroundings in the Southern Heath Nature Park. If you are interested in combining your educational programme with recreational activities like swimming in Hardau Lake, horseback riding in the heath and canoeing in natural rivers then you are at the right place in our „province with the extra touch“.
Course focus	<p>The postgraduate study programme is aimed to broaden the background in advanced and integrated water management, irrigation and protection of water and land resources in tropical and subtropical regions with particular reference to developing countries.</p> <p>The course is practical and interdisciplinary in nature and is orientated towards civil engineering, agricultural engineering and water related subject areas, placing particular emphasis on topics such as the applied hydrology of tropical and subtropical regions, water resources management, climatology, hydraulic engineering, small scale water power, rural development, water supply and sanitation engineering, tropical soil science, and agriculture, irrigation and drainage, erosion protection, land improvement, appropriate constructions and materials.</p> <p>The programme objective is an integrated multidisciplinary approach to methods of planning and management enabling graduates to provide sustainable solutions in the utilisation of water and land resources, thus taking into consideration the socio-economic situation and development strategies in addition to applying advanced practical methods and appropriate technologies based on a scientific background.</p> <p>The course comprises three phases. The first phase of two semesters will be for the duration of five months each. The first semester includes a two-month phase of refresher classes which emphasises basic information needed for civil engineers in the fields of pedology and agriculture and for agricultural engineers in the fields of hydraulics, hydraulic structures and sanitation engineering, both fundamental for the understanding of the course contents. These are then conveyed by a combined programme of multidisciplinary related lectures, seminars and practical training in the laboratories and guided applications by field work.</p> <p>The second phase of about 3 to 4 months is planned as a practice orientated “on-the-job” semester. In addition to the previous theoretical training, the knowledge gained is put to practice in project work on an engineering level to be carried out preferably in projects in developing countries. The study period abroad will serve to combine the theoretical and experimental skills gained, with the practical project training to convey the ability to engage in interdisciplinary cooperation to assess and solve</p>

Water Management in Tropical and Subtropical Regions

practical problems in the fields of water management and land improvement.

The third phase is assigned for writing a thesis in order to prove the candidate's ability to independently assess and analyse a problem and to elaborate an appropriate approach to a solution.

Target group	Engineers, specialists and executives, working in or planning to work in an engineering capacity in the field of water management, hydraulic engineering or water supplies management, rural infrastructure, irrigation and land improvement in private, regional or state planning offices or consultancy offices.
Course language	German
Entry requirements	<ul style="list-style-type: none"> ● Degree in civil engineering, farming or agriculture, hydrology, soil science or similar ● At least 2 years career experience ● DSH ● Age limit: 36 years
Degree awarded	Master of Science in Water Resources Management (M.Sc.)
Course begins	October 2006
Course duration	18 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University.
Remarks	A six-month intensive German language course begins early April 2006. A practical training (duration 3-4 month) is to be taken during the course.
For further information contact	Universität Lüneburg Ergänzungsstudiengang Tropenwasserwirtschaft Prof. Dr.-Ing. H.-D. Olbrisch Herbert-Meyer-Straße 7 29556 Suderburg Germany Phone (+49/5826) 988 208 Fax (+49/5826) 988 244 e-mail: einhorn@fhnon.de http://www.fhbbwu.fhnon.de/

Quality, Safety, and Environment (QSE)

Quality, Safety, and Environment (QSE)

Institution	Otto-von-Guericke University of Magdeburg
Location	<p>The Otto-von-Guericke-University of Magdeburg was founded in 1993 and is one of the youngest universities in Germany. With 9 faculties and more than 10,000 students it is a centre of teaching and research. Magdeburg, the state capital of Saxony-Anhalt, has developed into a city of business, science and culture.</p> <p>In 62 courses of studies, Magdeburg University offers education in different subjects and fields of specialization. Favourable study facilities and conditions, such as a well-equipped library and an optimal ratio teaching staff - students, attract students from around the world.</p>
Course focus	<p>Quality is an aspiration of any industry. Only when high quality standards are met, will product sales be profitable. This necessitates the investment of financial resources in the production process as well as in environment safety. Hence quality and safety form the basis for the sustainable development of an economy.</p> <p>The M.Sc. course QSE comprises the following classes: management systems for quality, safety, and environment.</p> <p><i>Quality:</i> Quality management (including ISO 9000), quality design by statistical process control, quality through intelligent process control, product quality in the chemical industry.</p> <p><i>Safety:</i> Probabilistic calculations for accidents in industries, consequences of accidents in industries, modelling and simulation in industrial safety, safety management in major industries, safety aspects of transport and storage of bulk materials, safety aspects of chemical reactions, ergonomics of occupational safety, experimental fire and explosion protection.</p> <p><i>Environment:</i> Environmental politics, strategies, and economy, generation and impacts of pollutants, environmental analytics and measuring techniques, laboratory experiments (including use of a mobile laboratory), combustion technology, emission abatement technology, waste water treatment, clean-up of contaminated sites, ecological balances, combustion and thermal disposal, traffic and environment.</p> <p>System aspects play an important role. For example, the safety of an entire plant is addressed, making it clear that improvements in one section might be detrimental in another and hence have a negative overall impact. The students are taught to think in terms of such contexts.</p> <p>QSE has received accreditation by ASI, the only German accreditation agency specialised in accrediting degree programs from the field of engineering, informatics/computer science, the natural sciences and mathematics.</p>

Quality, Safety, and Environment (QSE)

Target group	Junior staff members from companies in the process and engineering industries as well as administrators, holding a degree in engineering or natural sciences. They will be capable to deal competently with specific questions related to the various areas of the course as well as the corresponding management tasks. They may work as safety or environment advisers, licensed engineers, etc.
Course language	Tuition is exclusively in English. However, students are encouraged to make use of German courses offered by the university in order to enable them to deal with questions of daily life.
Entry requirements	B.Sc. plus at least 2 years industrial experience, or M.Sc. or equivalent with excellent achievements in process or chemical engineering. Applications from candidates in closely related fields will be considered. Command of English corresponding to 550 points of the TOEFL test (paper based), 213 (computer based) or equivalent.
Degree awarded	Successful candidates will be awarded an M.Sc. degree
Course begin	October 2006
Course duration	The course duration is one year. The course lasts from the beginning of October until the end of September.
Duration of German language course prior to beginning of programme	2 months
Application deadline	For DAAD-scholarship: 31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 January 2006 at the University. For self-financing candidates: 15 July 2006.
For further information contact	QSE Coordinator Otto-von-Guericke-Universität Magdeburg Abteilung Anlagentechnik und Anlagensicherheit IAUT Postfach 4120 D-39016 Magdeburg Phone: +49-391-6718117 Fax: +49-391-6711128 e-mail: QSE@vst.uni-magdeburg.de http://www.uni-magdeburg.de/fvst/qse

Postgraduate Programme Renewable Energy

Postgraduate Programme Renewable Energy

Institution	Universität Oldenburg (University of Oldenburg)
Location	The Carl von Ossietzky University of Oldenburg was founded in 1973 and is one of the youngest research universities in Germany. Environmental and energy research are outstanding interdisciplinary areas of specialisation (approx.12,000 students) – more information at: http://www.uni-oldenburg.de . The City of Oldenburg with a population of 160,000 is located near the German Sea and the Netherlands – more information at: http://www.oldenburg-tourist.de/en/index.html
Course focus	Scientific principles of renewable energy systems, technical realisation of renewable energy systems, economic conditions governing the use of renewable energy sources, practical testing of components of decentralised energy supply systems, analysis and planning of concrete, decentralised energy supply projects (case studies), contacting companies and institutions in the field of the use of renewable energy sources. The first semester is followed by an eight-week practical training in organisations and companies active in the field of energy supplies or development aid. Excursions also form part of the degree programme.
Target group	Primarily science and engineering graduates from developing countries who aim to build on relevant career experience and apply knowledge gained to the energy sector in their home countries.
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● Science or engineering degree (B.Sc. - 4 yrs.) ● At least 2 years professional experience ● English –TOEFL (550 points) or IELTS (band 5.5) – certificate. ● Age limit: 36 years
Degree awarded	Master of Science (MSc)
Course begins	October 2006
Course duration	16 months
Duration of German language course prior to beginning of programme	2 months
Application deadline	For DAAD-scholarship: 31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University. For self-sponsoring: 15 January 2006 at the University
Remarks	<ul style="list-style-type: none"> ● In addition to the official DAAD application form, candidates are required to submit a particular course application form which can be downloaded from our website at http://ehf.uni-oldenburg.de/ppre/ ● A practical training of approx. 2 months duration is to be taken during the course.

Postgraduate Programme Renewable
Energy

- Applications have to be submitted in English.
- Tuition fees of 1000 Euro for self-sponsoring students (not for DAAD-scholars)

**For further
information contact**

University of Oldenburg
MSc Edu Knagge
Institute of Physics/PPRE
26111 OldenburgGermany
Phone (++49/4 41)7 98-35 44
Fax (++49/4 41)7 98-39 90
e-mail: edu.knagge@uni-oldenburg.de
<http://ehf.uni-oldenburg.de/ppre/>

Photogrammetry and Geoinformatics

Photogrammetry and Geoinformatics

Institution	Hochschule für Technik Stuttgart (Stuttgart University of Applied Sciences)
Location	Stuttgart is a vibrant, fascinating city and the state capital of Baden-Württemberg. It is the economic, cultural, sporting and social hub of a region in the heart of Europe with more than 2.5 million inhabitants. The city is surrounded by a beautiful countryside; the Black Forest and Lake Constance are highlights in southern Germany and are not far away. The University of Applied Sciences is located in the heart of Stuttgart. The UAS has a long history with a rich tradition in engineering education since 1832.
Course focus	<p>The MSc course aims at educating future decision makers and senior engineers of information and land management projects, national authorities for mapping, photogrammetry, land consolidation, cadastre, forestry, agriculture, rural and urban planning or environment monitoring.</p> <p>The postgraduate course offers a scientific and practice oriented education and training in the fields of photogrammetry, remote sensing and geoinformatics. An important objective is the transfer of up-to-date techniques to practice under different technological conditions.</p> <p>Photogrammetric technology is trained on modern digital workstations including sophisticated analytical systems. Focus is on processing aerial photographs starting from scanning, automated aero triangulation and acquisition of digital elevation models up to orthoimage generation and topographic and thematic mapping. Gaining experience in working with alternative data sources of increasing importance like high resolution remote sensing satellites, radar and airborne laser scanning round off modern photogrammetric education.</p> <p>The main topics focused on in the field of Geoinformatics are the acquisition, storage, analysis, retrieval and display of spatial related data concerning both earth's physical features and the built environment. Studying the methods for data modelling in geoinformation systems, design and handling of diverse data bases, GIS-data formats, GIS customisation including its programming, all accompanied by intensive training are important parts of the postgraduate course. Most recent developments like World Wide Web-technologies, 3D-visualization and integration of GIS and photogrammetry prepare the participants of the course for the future.</p> <p>A full-time research project aiming at the elaboration of a Master's thesis within 6 months concludes the study.</p>
Target group	The course is designed for all kinds of professional producers or users of geo-data (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 geo-data

Photogrammetry and Geoinformatics

in the context of geoinformation systems, photogrammetry and remote sensing.

Course language	English
Entry requirements	<ul style="list-style-type: none"> ● Degree (equivalent to a B.Sc.) in Civil Engineering, Geodesy, Geography, Agriculture, Forestry or corresponding degrees of other professions related to geo-data ● Two years of competent professional experience are considered important ● English – TOEFL (550 points or computer based 213 points) or IELTS (band 6) – certificate ● Age limit: 36 years
Degree awarded	Master of Science (MSc) in Photogrammetry and Geoinformatics
Course begins	October 2006 and yearly
Course duration	18 months (two semester and six months supervised study with Master's thesis)
Duration of German language course prior to beginning of programme	2 months
Application deadline	Each year 31 August at the German Embassy; 30 September at DAAD; 15 October at the University.
Remarks	<p>The study course is accredited by ASIIN, the Accreditation Agency for Study Courses in Engineering, Informatics, Natural Science and Mathematics. Complete applications have to be submitted in English.</p> <p>A good mathematical background and good computer skills are required.</p> <p>It is difficult to find furnished apartments in Stuttgart, therefore we advise you not to bring your family.</p> <p>In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from http://www.hft-stuttgart.de</p>
For further information contact	<p>Hochschule für Technik Stuttgart Prof. Dr.-Ing. Dietrich Schröder Schellingstrasse 24 70174 Stuttgart Germany Phone (++49/711) 121-2612 or 121-2709 Fax (++49/711) 121-2556 E-mail: Msc-manager.fbv@hft-stuttgart.de http://www.hft-stuttgart.de</p>

Infrastructure Planning

Infrastructure Planning

Institution	Universität Stuttgart
Location	Stuttgart is the economic, cultural, sporting and social hub of a region in the heart of Europe, near to Switzerland, Austria and France. The city is surrounded by beautiful countryside with vineyards, the Black Forest Mountains and Lake Constance. Woods and parks account for almost a quarter of the city area.
Course focus	<p>A well-planned system of infrastructure facilities is the primary prerequisite for development. On the international level there is a pressing need for professionals capable of directing the conception, planning and construction of necessary infrastructure facilities for transportation, water and waste management on the urban as well as on the regional level integrating economic, social, ecological and management aspects. The University of Stuttgart's Centre for Infrastructure Planning has been offering a practically oriented and internationally acclaimed training since 1983. Faculty members of 13 institutes and experienced practitioners offer their knowledge to a limited number of 30 students per course.</p> <p>Emphasis is on an interdisciplinary approach to planning, which is essential for modern infrastructure planning and international cooperation.</p> <p><i>Course structure and contents:</i> The tightly structured course is divided into four semesters. During the first three semesters, students combine obligatory and elective courses. Whereas the first semester offers basic courses to broaden the individual horizon, the second and third semester focus on the practical application of this knowledge in the practice of integrated and interdisciplinary infrastructure planning.</p> <p>A large case study deals with a complex of problems in a developing or threshold country. Two weeks of on-site field work provide necessary background information. In the fourth semester students write their master's thesis. Subjects should deal with an interdisciplinary infrastructure planning problem relevant to the individual student's home country.</p> <p>Required courses include: Applied Statistics, Basic Notions of Economics, Social Aspects of Planning, Project Management, Decision Analysis, Development Policy and Planning, Social Infrastructure, Town Planning, Ecological Aspects of Infrastructure Planning, Regional Development Planning, Energy, Transportation, Water and Waste-Supply and Disposal, Management of Infrastructure Facilities, Project Appraisal, Planning and Financing, Tendering and Contracting, Case Studies, German.</p> <p>Course work in lectures, seminars and exercises is done both individually and in groups.</p>
Target group	Civil engineers, architects and town planners who wish to gain insight into infrastructure planning in a broad, integrated context and who want to prepare themselves for working in international and complex planning

Infrastructure Planning

projects. Career goals might be: infrastructure planner working in the private sector, civil servant dealing with various aspects of infrastructure planning or with regional and/or national infrastructure development. Graduates will be capable of directing and co-ordinating the work of international and interdisciplinary teams of specialists from a wide variety of infrastructure-related fields.

Course language	English. Fluency in written and spoken English is essential from the beginning of the course. All classwork involves either written reports or verbal presentations in English.
Entry requirement	<ul style="list-style-type: none"> ● Bachelor's degree or equivalent in civil engineering, architecture, town planning or related field ● At least three years' relevant professional experience ● English – TOEFL (550/213 points), APIEL (3 points) or IELTS (band 6) – certificate ● Age limit for scholarships: 36 years
Degree awarded	Master of Infrastructure Planning (M.I.P.)
Course begins	October of odd numbered years (i.e. next intake 2007)
Course duration	Two years
Application deadline	31 August of even numbered years at the German Embassy; 30 September of even numbered years at DAAD; 15 October of even numbered years (one year before the beginning of the course) at the Centre for Infrastructure Planning.
Remarks	<p>Admission is on a biannual basis.</p> <p>Applications must be made in English, and have to include all relevant documents, a Test of English Proficiency is mandatory. In addition to the official DAAD application form, candidates are required to submit a particular course application form which can be downloaded from the course-homepage (see below).</p> <p>Accommodation for students' family cannot be arranged. Due to high cost and severe shortage of housing on the German market, students must plan to come to Stuttgart alone.</p> <p>A two-month German language course begins early August of the year of admission for scholarship holders.</p>
For further information contact	<p>Frau Elke Schneider Universität Stuttgart Zentrum für Infrastrukturplanung Pfaffenwaldring 7 70569 Stuttgart Germany Phone (+49/711) 68 5 65 60 Fax (+49/711) 68 5 65 82 e-mail: application@zip.uni-stuttgart.de elke.schneider@zip.uni-stuttgart.de http://www.uni-stuttgart.de/zip http://www.uni-stuttgart.de</p>

Electronic Systems & Engineering Management

Electronic Systems & Engineering Management

Institution	Hochschule für Technik und Wirtschaft Soest (FH Südwestfalen) University of Applied Sciences Soest Campus (in co-operation with Bolton Institute/UK)
Location	Soest is a small medieval city of some 50,000 inhabitants which provides a perfect atmosphere for serious studies. Since January 1st 2002, the former Soest Division of Paderborn University has become a division of the newly founded South Westphalia University of Applied Sciences with its new campus located within a 10 minutes walk from the city centre.
Course focus	<p>The course has the objectives of developing</p> <ul style="list-style-type: none"> ● an in-depth understanding of methods and techniques in engineering management and systems engineering, and of digital systems in particular ● the ability to solve advanced problems in technical systems ● the knowledge and skills in engineering management to advance their career ● the ability to communicate clearly in speech, writing and using appropriate mathematics and software <p>In order to achieve the above objectives the entire course comprises the following modules:</p> <ul style="list-style-type: none"> ● Advanced Control Technology – Fuzzy Logic ● Intelligent Systems – Expert Systems & Neural Networks ● Microprocessor Based Systems ● Technical Publications and Presentations ● Personnel Management – Project Management ● Digital Signal Processing ● Total Quality Management ● Business in Engineering ● Project
Target group	The Electronic Systems & Engineering Management Course is designed to give advanced training to professional engineers from Germany and abroad – particularly to engineers from developing countries – in fields normally not included in classical engineering education, which are in particular a system approach to complex engineering problems combined with engineering management aspects.
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● Bachelor degree in Engineering, particularly Electrical Engineering, but also Mechanical Engineering, Physics or a related subject ● at least 2 years of professional experience; ● English – TOEFL (550 points paper based or 213 points computer based) or IELTS (band 6.0) – certificate; ● age limit: 36

Electronic Systems & Engineering
Management

Degree awarded	<ul style="list-style-type: none">● Master of Science (M.Sc.) in Electronic Systems & Engineering Management (awarded by Hochschule für Technik und Wirtschaft Soest)● Additionally, the internationally more recognised British MSc degree awarded by Bolton Institute can be obtained which is subject to a 2,300,- Euro tuition fee.
Course begins	Every year in September
Course duration	18 months
Duration of German language course prior to beginning of programme	A two-month German course begins early July.
Application deadline	31 August at the German Embassy; 30 September at DAAD; 15 October of the year prior to start at the University.
Remarks	<ul style="list-style-type: none">● The location of studies for the entire course is Soest/Germany, modules being taught by professors from both Germany and Britain, respectively● Applications have to be submitted in English.
For further information contact	MSc-Service Center Hochschule für Technik und Wirtschaft Abteilung Soest, FB 16 Postfach 1465 59474 Soest Germany Phone (++49/29 21) 3 78 - 4 00 Fax (++49/29 21) 378 - 4 09 e-mail: msc-info@campus-soest.de http://www.campus-soest.de

Industrial Mathematics / Sandwich-PhD Programme

Industrial Mathematics / Sandwich-PhD Programme

Institution	Technische Universität Kaiserslautern
Location	Having been founded only thirty years ago, the University of Kaiserslautern is still very young. It focuses on natural and engineering sciences. Currently, about 8,000 students are enrolled in courses offered by the university's 10 departments. The equipment of the mathematics department meets high standards, especially concerning laboratories, libraries and computers; access is provided for all students. Kaiserslautern (100,000 inhabitants) is located in the heart of the European Union, between the river Rhine in the east and the nearby border to France in the west. Furthermore, Kaiserslautern has excellent travel connections. It only takes a 90-minute train ride to arrive at Frankfurt airport; the vibrant city of Stuttgart is only a 60-minute ride away. In addition, Kaiserslautern offers all amenities of a modern city including a rich and vivid culture and sports scene.
Course focus	For 20 months, the PhD students will pursue their research at the University of Kaiserslautern and for another 9 months they will work at or for a company. Students determine the topic of their PhD thesis in cooperation with a company. Assistance can be afforded by the "Fraunhofer Institute for Industrial Mathematics" (ITWM), the supervisor of the home university, or the co-supervisor of the University of Kaiserslautern. Participants apply modern mathematical theories (partial differential equations, stochastics, etc.) to model technological, economic and ecological problems. Computer-oriented numerical methods (FEM, optimisation, statistics etc.) are used to evaluate the models. Another 7 months are used to complete the research and the thesis at the home university.
Target group	Mathematicians, physicists and engineers with a strong background in mathematics
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● Excellent M.Sc. degree (or equivalent) in mathematics, physics or engineering after at least four years of university education ● Admittance as PhD student at the home university ● Supervisor for a PhD thesis at the home university ● English – TOEFL (540/210 points) or IELTS (band 6) – certificate ● Age limit: 32
Degree awarded	PhD degree of the home university
Course begins	October, an introductory German language course starts in August
Course duration	36 months
Duration of German language course prior to beginning of programme	2 months

Industrial Mathematics / Sandwich-PhD
Programme

Application deadline 31 August at the German Embassy; 30 September at DAAD; 30 January at the University of Kaiserslautern.

Remarks In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from the University of Kaiserslautern.

For further information contact Technische Universität Kaiserslautern
Fachbereich Mathematik
Sandwich-PhD Programme "Industrial Mathematics"
Postfach 30 49
67653 Kaiserslautern
Germany
Phone (++49 631) 205 - 3246 or 3927
Fax (++49 631) 205 - 2048 or 3052
E-Mail: grad_school@mathematik.uni-kl.de
http://www.mathematik.uni-kl.de/grad_school/sandwich_PhD.html

SPRING - Spatial Planning for Regions in Growing Economies

SPRING - Spatial Planning for Regions in Growing Economies

Institution	Universität Dortmund (University of Dortmund)
Location	<p>The Universität Dortmund with more than 24,000 students combines academic tradition with high-quality teaching. Consistent with its mission, the University has since 1968 developed innovative programs with a focus on new teaching and research contents. The Faculty of Spatial Planning, the first and largest planning school in Germany, has initiated the SPRING programme in 1984.</p> <p>SPRING offers a post graduate degree (i.e. MSc) in Regional or Urban Development Planning and Management jointly within an international university network:</p> <ul style="list-style-type: none"> ● the Faculty of Spatial Planning, Universität Dortmund, Germany; ● the Department of Planning, Kwame Nkrumah University of Science and Technology (KNUST) in Kumasi, Ghana; ● the School of Urban and Regional Planning (SURP), University of the Philippines, Quezon City, The Philippines; ● the Faculty of Architecture and Planning, University College of Lands and Architectural Studies (UCLAS), University of Dar es Salaam, Tanzania; ● the Faculty of Economic and Environmental Sciences, Universidad Austral, Valdivia, Chile; and ● the Centre of Environmental Sciences EULA, Universidad de Concepción, Chile.
Course focus	<p>Governments in Africa, Asia and Latin America have initiated new regional development strategies based on national decentralisation policies in order to reduce regional disparities. The level of management of the new decentralised administrative units (districts, regions or municipalities), however, is rarely commensurate with the new requirements.</p> <p>Planners are increasingly challenged to overcome the boundaries between administrative sectors and to bridge the gap between formulating a plan and implementing a programme. New qualifications are required, ranging from planning competence to management skills, i.e. to make programmes operational with respect to financial requirements and restrictions or to moderate participatory processes.</p> <p>SPRING places its emphasis on development management at an intermediate level between macro-regional and community-based planning.</p>
Target group	Practitioners in regional and urban development planning and administration in developing countries.
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 ● at least two years of professional practice

SPRING - Spatial Planning for Regions in Growing Economies

- a high standard of proficiency in written and spoken English: TOEFL (540 points paper based, 220 computer based) or IELTS (6,0) and
- a strong commitment to further work in regional development planning
- the age limit is 36 years

Degree awarded Master of Science (Regional Development Planning and Management) for students going the second year to Ghana and Chile, Master of Science (Regional Development Planning) for students going the second year to the Philippines, Master of Science (Urban and Regional Development Planning and Management) for students going the second year to Tanzania.

Course begins October each year

Course duration 24 months

Duration of German language course prior to beginning of programme 5 weeks

Application deadline For DAAD scholarship: 31 August at the German Embassy; 30 September at DAAD; 15 October at the University.

The programme will commence in the following year with the German language course on 1 September. The SPRING course begins in the second week of October.

Remarks A SPRING course covers two years. During the first year, students will study at the University of Dortmund in Germany with a focus on theories and methods of regional development. In the second year students are free to choose a specific focus and continue their studies at one of the SPRING network partners. The first SPRING year is organised in three phases simulating an ideal planning cycle (analysis, planning, implementation). Each phase converges into a workshop integrating the various subjects of the programme.

The second year is concentrating on the specific focus of the network partner and on fieldwork which provides the input for the Master's thesis.

In 2005 the extension of the international SPRING network to include partners from Chile has been concluded. The Universität Dortmund, Faculty of Spatial Planning, the University of Austral and the University of Concepción offer a two year Master Programme for young professionals from Latin America. The second year held in Chile, focus on two highly relevant disciplines on regional level: Regional Economic Development Planning and Environmental Management.

In addition to the official DAAD application form, candidates are required to submit a particular SPRING application form which is available on the SPRING homepage and from the contact address given below.

SPRING - Spatial Planning for Regions in
Growing Economies

**For further
information contact**

Universität Dortmund, Faculty of Spatial Planning, SPRING
44221 Dortmund, Germany
Phone (+49/2 31) 7 55-25 43
Fax (+49/2 31) 7 55-43 98
e-mail: spring@uni-dortmund.de
<http://www.raumplanung.uni-dortmund.de/geo/spring>

Regional Science/Regional Planning

Regional Science/Regional Planning

Institution	University of Karlsruhe (TH)
Location	The University of Karlsruhe was founded in 1825. Today eleven faculties with about 16.000 students (20% of them are non-German) offer a broad variety of academic education and the possibility of interdisciplinary study and research. In a manner nearly unparalleled at any other German university, at Universität Karlsruhe research and teaching undergo a constant dynamic and future-oriented process of development. This is due to many different reasons - the most important one of them is our students' expectations that they will receive a well-founded scientific education. Karlsruhe is situated in south-western Germany, on the western border of Baden-Württemberg. Situated between the river Rhine and the northern edge of the Black Forest, it enjoys a very pleasant climate as Germany's second warmest city. Apart from the university, it also hosts a technical university college, a college for art and design, an academy of music and a pedagogical college as well as two of Germany's national courts.
Course focus	<p>Regional Science develops tools to analyse regional structures, developments and conflicts in land use.</p> <p>Regional Planning applies those tools in real scenarios and develops regional land use concepts.</p> <p>The graduate programme "Regional Science/Regional Planning" teaches knowledge and methods for graduates from different fields who want to pursue further studies in regional science and regional planning in order to be successful in local, regional and national planning jobs. The course conveys the ecological, economical, social and political-administrative basis that is essential for inter- and transdisciplinary problem solving. It also gives an introduction into theories, methods and techniques of regional science and regional planning. The theoretic background is applied practically during the whole duration of the course in a two-term study project and the final thesis. The problems dealt with in these theses usually originate in the home countries and regions of the students. The students can introduce their personal and professional experience into the project work and discussions so that their projects as well their fellow students can profit from it.</p>
Target group	Professionals with university degrees in science, social science or engineering from public planning agencies, NGOs, consulting companies or research and training institutions.
Course language	German
Entry requirements	<ul style="list-style-type: none"> ● University degree ● At least two years working experience ● DSH, DSD II, Test DaF 5 ● Age limit: 36

Regional Science/Regional Planning

Degree awarded	“Lizentiat” (lic.rer.reg.); the introduction of the Master degree is scheduled for the winter term 2006/07 (possibly 2005/06)
Course begins	annually in October
Course duration	24 months
Duration of German language course prior to beginning of programme	A six-month German course starts in April each year.
Application deadline	Annually 31 August at the German Embassy; 30 September at DAAD; 15 October at the University.
Remarks	A period of field research for the final thesis is planned after the third term of studies.
For further information contact	Institut für Regionalwissenschaft Helga Lauerbach Universität Karlsruhe Kaiserstr. 12 76128 Karlsruhe Germany Phone (+49/721) 608 - 6336/-22 418 Fax (+49/234) 32 - 14 294 e-mail: ifr@ifr.uni-karlsruhe.de http://www.ifr.uni-karlsruhe.de

Land Management and Land Tenure

Land Management and Land Tenure

Institution	Technische Universität München (TUM)
Location	<p>Founded in 1868 the Technische Universität München today includes 13 departments. The main campus of TUM is located in the inner city of Munich close to the old city centre while there are many institutes in the beautiful surroundings of Munich. TUM annually hosts more than 20,000 students who are mentored by approx. 400 professors.</p> <p>Munich is the capital of Bavaria, the southernmost state of Germany. Bavaria offers an impressive cultural heritage and many areas of outstanding natural beauty. Munich itself, an 800-year-old city with 1.3 million inhabitants, is one of the major cultural centres in Germany. Besides being a cultural centre, Munich also hosts the headquarters and major research and development departments of many high tech companies, international as well as German. Many of them are in close co-operation with the TUM.</p>
Course focus	<p>The Master's programme aims to qualify mid-career students in interdisciplinary approaches to land policy and land management in the rural as well as in the urban context. Classes focus on land rights, land policy, land economics, land conflicts, land administration, participatory planning approaches, management skills, resource tenure, GIS etc. Students are trained in the application of practical methods and tools. Case studies, field trips and lectures given by experts with practical international experience complete the formation. The Master's Programme also includes an integrated internship and an individual research project. Both can be done either in Germany or abroad.</p> <p>Special Services</p> <ul style="list-style-type: none"> ● Tutoring ● Social and cultural activities ● Pre-Study Programme ● Orientation Month ● German language course during the semester (free of cost) ● Support in finding accommodation and with administrative procedures ● Organisation of internships ● Excursions and field trips
Target group	Professionals already working in the field of land management, land administration, land policy etc.
Course language	English
Entry requirement	<ul style="list-style-type: none"> ● A qualified Bachelor's degree ● At least 2 years of working experience in a field related to land management ● Sufficient knowledge of English language (English – TOEFL (550 points) or IELTS (band 6) certificate)

Land Management and Land Tenure

- Age limit: 36 years.

Degree awarded	Master of Science
Course begins	Mid-October 2006
Course duration	18 months (3 Semesters)
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University.
Remarks	In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available on the programme's website (see below). A two-month German language course begins early August 2006.
For further information contact	Technische Universität München Institut für Geodäsie, GIS und Land Management Lehrstuhl fuer Bodenordnung und Landentwicklung Univ.Prof. Dr.-Ing. Holger Magel Dipl.-Geogr. M.A. Babette Wehrmann Arcisstrasse 21 80290 Muenchen Germany Phone: (++49/89) 289-25789 Fax: (++49/89) 289-23933 E-mail: master@landmanagement-muenchen.de http://www.master-landmanagement.de

Agricultural Sciences and Resource Management in the Tropics and Subtropics (ARTS)

Agricultural Sciences and Resource Management in the Tropics and Subtropics (ARTS)

Institution	University of Bonn (Universität Bonn)
Location	With a student population of 38,000 including 5,200 international students from more than 100 different countries, the University of Bonn is not only one of the largest in Germany but also an international institution rich in tradition. Proof of its international reputation is to be found in its partnership with the most distinguished universities in Europe, North America, Africa Asia and Australia. The city of Bonn can look back upon a history of more than 2000 years. In its new role as Federal City, Bonn has also become headquarter for a large number of international institutions.
Course focus	<p>Agricultural production uses natural resources in diverse complex ways. These resources show complex interactions and are sensitive to human activities and agricultural interventions. Their appropriate management requires skilled individuals with both the biophysical and the socio-economic background knowledge. The ARTS postgraduate study 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 are trained by experienced international agricultural scientists. They 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 Masters' 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 more 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 22 + 2 months and consists of two "in-class" semesters and two research semesters. The "in-class" programme is structured into compulsory and optional course modules, following the European Credit Transfer System - ECTS (30 credits per semester = 120 credit points in total). The first semester serves to broaden students' knowledge. Compulsory modules provide an overview on the structure and current use of natural resources in the (sub)tropics. Interdisciplinary lectures focus on resource interactions in relation to the social, economical and political context. Practicals and seminars provide training on „Tools and Methods“ such as computer applications, biometrics, scientific communication, project analysis and GIS. Additionally, diverse socio-cultural activities are being offered. In the second semester, students have the opportunity to specialize by choosing from a catalogue of 15 proposed modules Each module is covered by a range of specialized lectures and is supplemented with seminars and practical training.</p>

Agricultural Sciences and Resource Management in the Tropics and Subtropics (ARTS)

ning in laboratory analysis and computer applications. The students are also introduced to their thesis research programmes in the form of literature reviews, project planning and application of new methodologies in close consultation with their main advisors. The second study year is devoted to the thesis research, including a specialization module and methodology training, elaboration and presentation of the thesis proposal, collection of experimental data at the (sub)tropical field research site, and writing and defence of the thesis.

Target group	Students and young qualified professionals from universities, government agencies, and private enterprises, presently working in agricultural/environmental research and development or related fields.
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● Degree 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) – certificate ● At least two years professional experience in agriculture is desirable ● Age limit: 36 years
Degree awarded	Master of Science (M.Sc.)
Course begins	April 2007
Course duration	22 + 2 months (4 semesters)
Duration of German language course prior to beginning of programme	2 months; German language tutoring continues throughout the first study year.
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at the DAAD; 15 October 2005 at the University.
For further information contact	University of Bonn, Faculty of Agriculture ARTS-Secretariat Nussallee 1 53115 Bonn Germany Phone (+49/228) 73 - 3364/-2924 Fax (+49/228)73 - 2619 e-mail: arts@uni-bonn.de http://www.arts.uni-bonn.de

Tropical Forestry and Management

Tropical Forestry and Management

Institution	Technische Universität Dresden
Location	The Department of Forestry of Dresden University of Technology is located at Tharandt, a picturesque small town surrounded by forests. Master students in Tropical Forestry and Management are preferably accommodated by the various student hostels in Dresden city. Frequently running suburban trains take them to Tharandt within 20 minutes only. The scientific institutes, lecture rooms and labs are housed in buildings of the former Royal Academy of Forestry and newly constructed ones with modern equipment for teaching, studying and experimenting.
Course focus	<p>The postgraduate course aims at providing participants with the necessary skills to follow new developments in tropical forestry and its professional and scientific requirements. The primary focus of the programme is conventional and non-conventional tropical forestry management. Special emphases is given to problems and methods of assessment of natural resources in tropical and subtropical regions.</p> <p>Study contents: the first year is dedicated to attendance studies at the university, the second to research and final exams. First semester lectures contain basic subjects such as tropical soil science, forest ecology, meteorology, dendroflora (tree-blossom) and vegetation in the tropics, evaluation of Geo-Information-System data, computer science, geodesy and remote sensing, geography of wood and forest management, sociology and anthropology in rural development, intercultural communication, international development and forest policy, experimental and technology transfer methods of natural and social sciences.</p> <p>In the second semester the more applied disciplines are handled. They include forest economics and forest history in tropical regions, social forestry, use of tropical timber and non-timber products, reforestation, silviculture, agroforestry, nature conservation, planning and management of tropical forestry activities. All teaching subjects are handled in lectures, exercises, discussions, seminars, practical trainings and excursions.</p> <p>The second year is dedicated to research work on specific topics which are relevant to tropical forestry and management. One semester will be spent in the home countries of the postgraduate students for the purpose of field research and data collection, the remaining months serve the preparation of the master's thesis.</p>
Target group	Graduates in forestry science or other related scientific disciplines (e.g. agriculture, biology) with at least two years' career 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 ● At least two years' career experience in the field of forestry

Tropical Forestry and Management

- English – TOEFL: 550 points in paper-base-test (PBT) or 213 points in computer-based-test (CBT) or IELTS (band 6) – certificate
- Age limit: 36

Degree awarded	Master in Tropical Forestry (M.Sc. forest. trop.)
Course begins	October 2006
Course duration	24 months
Duration of German language course prior to beginning of programme	2 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University.
Remarks	A two-month German language course begins early August. Applications have to be submitted in English.
For further information contact	Technische Universität Dresden Fakultät für Forst-, Geo-, Hydrowissenschaften Fachrichtung Forstwissenschaften Institut für Internationale Forst- und Holzwirtschaft Postfach 1117 01735 Tharandt Germany Phone: +49 (0)35203 38 31824 Fax.: +49 (0)35203 38 31820 e-mail: tropen@forst.tu-dresden.de http://www.forst.tu-dresden.de/Inter/tropen/indexengl.htm

Agricultural Economics and Related Sciences

Agricultural Economics and Related Sciences

Institutions	Justus-Liebig-Universität Giessen (Justus-Liebig-University Giessen) and Universität Hohenheim (University of Hohenheim)
Location	<p>The Justus Liebig University was founded as one of the first universities in the German speaking world. Justus Liebig University combines up-to-date research and teaching with the tradition of a university which is now almost 400 years old. Today, the university has about 22.000 students of which about 10 % belong to the new founded faculty Agriculture, Ecotrophology and Environmental Management.</p> <p>The University of Hohenheim, which was founded in 1818, is located outside the city of Stuttgart in the south of Germany. Focal point of the university campus is the Hohenheim castle surrounded by large parks. Agriculture is a dominant faculty. Short distances between all campus facilities make the orientation for new incoming students easy and promote a familiar atmosphere.</p>
Course focus	<p>This Ph.D. programme is offered to candidates from all over the world. It is intended to provide suitable candidates with the opportunity to acquire a Ph.D. The Ph.D. programme includes a German language course, subject courses, research design for dissertation, field work in the home country, development analysis and future strategies as well as writing of the dissertation. The dissertation covers an important problem of agricultural development at micro or macro level or a related field, like environment or rural development of the home country of the candidate. The aim is to qualify the candidates as researchers and teachers, who are then able to analyse problems and develop solutions for the home country in a systematic way. Most of the former students act today as multiplier at universities or other institutions in their home countries. This objective is supported by many ongoing co-operations and continuing exchange activities after the study in Giessen or Hohenheim.</p>
Target group	<p>Young scientists from Africa, Asia, Latin America with two years of professional experience after MSc degree. Applications are invited primarily from universities and national and international research institutions for staff development, but applications from MSc degree holders already employed in government, administration, consultancies, international agencies and industry are also accepted.</p>
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● Outstanding M.Sc. or M.A. in agricultural economics, economics, environmental sciences or rural development ● Good knowledge of the English language is essential. TOEFL with a minimum of 500 points, or computer-based test 180 points (or IELTS: band 6.0) is required for the application. ● Candidates are expected to have relevant working experience for a period of two years after examination. Preference is given to candidates whose employers offer a reintegration guarantee.

Agricultural Economics and
Related Sciences

- Candidates must not be older than 32 years at the beginning of the language course.
- Before starting the Ph.D. work the candidates must pass a German language course exam and the examination of Ph.D. courses at Giessen or Hohenheim Universities.

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

Course begins June every year

Course duration In total 42 months

a) German language course (4 months) at the University of Hohenheim in June every year.

b) Course work (4 months) at Giessen or Hohenheim, three modules and exams selected from areas such as economic theory, development strategies, farming systems, project planning, management, computer applications, farming systems analysis, regional planning, environmental economics and policy, rural development.

c) Research design (2 months), literature review, conceptional preparation or research and field work.

d) Field work in the home country (6 months). Ph.D. students will go to their countries of origin for the following purposes: a) to create a basis of information for the dissertation, b) to promote contacts with native institutions, c) to insure a cultural link between candidates and their home countries.

Since the time required for collecting information depends on the type of research, the period of the stay may vary from 3 to 12 months. A close collaboration between Giessen/Hohenheim and the home institution/university is supported. The supervisor from Giessen/Hohenheim will visit the home country of the Ph.D. student before the start of data collection.

e) Analysis and Problem Solving Strategies (22 months). After returning to the University of Giessen/Hohenheim, processing of information and analyses of past development and current situation related to the research problem and objectives is needed. This is followed by future impact modelling and testing of alternative strategies to assess future problem-solving activities.

f) Writing of the Dissertation and Examination (4 months). During this period the candidates are simultaneously encouraged to publish articles and to submit posters and papers to international workshops and symposia. The dissertations are published and are therefore easily accessible to the international research community.

Application deadline 31 August at the German Embassy; 30 September at DAAD; 1 January at the University. A letter of acceptance from Hohenheim University or Giessen University is not required for the application. Essential for an application are the following documents:

Agricultural Economics and
Related Sciences

- DAAD application form
- Certified copy of school-leaving certificate
- Certified copies of transcript of records and certificates of higher education (B.Sc/BA and M.Sc./MA or equivalent degrees)
- TOEFL or IELTS certificate
- Research topic and short research proposal to identify the supervisor at Giessen/Hohenheim University
- Two letters of recommendation

Remarks

The selection of candidates depends on fulfilment of the entry requirements of the faculty and the availability of a supervisor. Since scholarships are offered from different institutions, the conditions may sometimes vary. The Programme Office supports candidates in finding a scholarship. Candidates are also encouraged to find a sponsor or funding organisation and scholarship through own activities. For any support in such activities, please contact the Programme Office in Giessen/Hohenheim. A list of German institutions providing scholarships can also be provided.

The final decision on the topic of the thesis is taken jointly by the candidate and the supervisor. The research should fit into the overall research programme of the supervisor. The language of the courses and seminars as well as of publications including Ph.D. thesis is English. Very good English language proficiency is a precondition for writing the Ph.D. thesis. Both, field of research and level of English knowledge are very important selection criteria of the candidates.

Continuous co-operation

It is in the philosophy of the programme to support continuous relations and establish co-operations between the University of Giessen/Hohenheim and the doctoral graduates as well as the respective institutions in which they work.

**For further
information contact**

Prof. Dr. S. Bauer
Projekt- und Regionalplanung
Universität Giessen
Senckenbergstr. 3
35390 Giessen, Germany
Phone (+49/6 41) 99-3 7310
Fax (+49/6 41) 99-3 7319
e-mail: siegfried.bauer@uni-giessen.de
<http://www.uni-giessen.de/Regionalplan/daad/daad.htm>

Prof. Dr. W. Doppler
Universität Hohenheim
Institut für Agrar und Sozialökonomie
in den Tropen und Subtropen (490 c)
70593 Stuttgart, Germany
Phone (+49/711) 459-2514
Fax (+49/711) 459-3812
e-mail: doppler@uni-hohenheim.de
<http://www.uni-hohenheim.de/490c>

International Agribusiness

International Agribusiness

Institution	Georg-August-Universität Göttingen in partnership with University of Talca, Chile.
Location	<p>The Georg-August-Universität Göttingen (GAUG) was founded in 1737. Famous scientists such as Gauß, von Haller, Weber, Nernst and Heisenberg, to name but a few, helped to make scientific advances in mathematics, biology, chemistry, and physics. Forty-two Nobel Prize winners have studied, done important research and taught in Göttingen. GAUG comprises 13 faculties including Agricultural Sciences, 2,500 scientists including 497 professors, 23,000 students from 133 countries, and a modern university library with more than four million volumes and about 14,700 scientific journals.</p> <p>The University of Talca is situated in the city of Talca, within the Maule Region, Chile 's VII Region, 257 km south of Santiago de Chile. The University of Talca, founded in 1981, offers degree programs in the following fields: Law, Agriculture, Forestry Engineering, Business, Accounting, Dentistry, Medical Technology and Mechanical Engineering.</p> <p>The Faculties of Agriculture of both universities have been scientifically cooperating for many years. In 2002 they have introduced this new post-graduate course in International Agribusiness in order to meet the demand for qualified and executive personnel. The program speakers are Prof. Dr. Manfred Zeller, Institute of Rural Development (on behalf of the Faculty of Agricultural Sciences, University of Göttingen) and Prof. Dr. Jose Diaz-Osorio (on behalf of the University of Talca).</p>
Course focus	<p>The core study program consists of modules covering international agricultural trade and agricultural and rural development policy as well as business administration, management and agribusiness marketing.</p> <p>As a research-oriented M.Sc. in international agribusiness, a strong emphasis is put on acquiring research skills in methodological modules covering econometrics, marketing and social science research. The course further offers a number of optional modules in agricultural technology, agronomy and animal production. Teaching modules include also seminars, computer-aided exercises, and team work so as to enhance presentation, communication and team-building skills of students.</p> <p>The course lasts for 26 months (including a two-month German language course). There are three teaching semesters with a total of fifteen modules. The first semester commences in March of every year at the University of Talca in Chile. where students are expected to pass at least 3 (max.5) modules (each having about 60 hours per semester).</p> <p>In late July of each year, students relocate to Germany in order to attend a two-month intensive course in elementary German. During the next two semesters at the University of Goettingen they attend 10 to 12 additional modules. Exams are held at the end of each semester, i.e. in February and in July. During the remaining research phase of nine</p>

International Agribusiness

months (August to April), students undertake their M.Sc. thesis research – usually in their home country/region – in collaboration with agribusiness firms, government or non-governmental or international organizations concerned with the agribusiness sector. The thesis has to be presented to an academic committee in Göttingen at the end of the program.

Target group	Highly qualified students who wish to pursue a career in international agribusiness with the private sector or with state, research, or non-governmental organizations concerned with the agribusiness sector. Successful applicants must have an excellent grade average in their undergraduate degree (B.Sc. or Diploma), a good working knowledge of English and of the respective language at the partner university.
Course language	English (at University of Talca partly in Spanish).
Entry requirements	<ul style="list-style-type: none"> ● B.Sc.Degree (or equivalent) in agricultural sciences, business administration, economics, social sciences, forestry, veterinary sciences, or food and nutrition sciences. Successful applicants have a good or excellent grade average. ● At least 2 years professional experience (for DAAD scholarship). ● TOEFL with a minimum score of 550/213 points (old/new grading system) ● Age limit: 32 (for DAAD scholarship)
Degree awarded	Master (M.Sc.) by Faculty of Agricultural Sciences, University of Göttingen, with specialization in International Agribusiness
Course begins	each year in early March
Course duration	26 months (including two months German language course)
Application deadline	30 August of each year at DAAD; 31 August at the German Embassy and at the addresses below. Detailed information and the online-registration form is available at http://www.agribiz.uni-goettingen.de
Remarks	<p>Scholarships of DAAD are only available for students being nationals of countries in Latin America and the Caribbean. Students from other developing regions as well as from developed regions (including Germans) enroll in the first semester at the University of Talca. Sufficient financial resources and a good working knowledge of Spanish are required.</p> <p>In addition to the official DAAD application form, candidates are required to submit a particular course application form, which is available at our webpage.</p>
For further information contact	<p>The Coordinator of the M.Sc.Program International Agribusiness Institute of Rural Development Waldweg 26 D-37073 Göttingen /Germany Phone: (+49/5 51) 39 21 14 Fax: (+49/5 51) 39 30 76 e-mail: agribiz@gwdg.de</p>

International Agribusiness

or:
Programa „Master in International Agribusiness “
Universidad de Talca
Departamento de Economía Agraria
2 Norte N °685, Casilla 747 -721
Talca /Chile
Phone: (+56/71) 20 02 14; (+56/71) 20 02 18
Fax: (+56/71) 20 02 12
e-mail: mia@utalca.cl

Tropical and International Forestry

Tropical and International Forestry

Institution	Georg-August-University Göttingen
Location	<p>The Georg-August-University is a state university of world renown. It was founded in 1737 and is alma mater to 41 Nobel prize winners. Out of the currently enrolled 24,000 students, more than 3,000 are foreigners. The Faculty of Forest Sciences and Forest Ecology is working closely together with the faculties of Agriculture, Biology, Geography, Economics and others in interdisciplinary research projects and in higher education. There are also plenty subjects available in the programmes at the other faculties, most of which are English language programmes as well.</p> <p>Göttingen is located in the heart of Germany with excellent connections to travel Europe. It has a reputation as a friendly, international, medium-sized university town with almost half of its 134,000 inhabitants being under 30 years old.</p>
Course focus	<p>Ecopedology in the tropics and subtropics, Tropical silviculture and forest ecology, Biometric data analyses and planning methods for plantations and natural forests, Forest development policy, Forest inventory, International forest economics, Tropical dendrology and wood science, Forest genetics and plantation forestry, Bioclimatology and global change, Rehabilitation and reclamation of degraded areas, Forest utilisation, Project planning, management and evaluation, Forest protection and agroforestry, Nature conservation and wildlife management, Tree physiology and wood biology, Remote sensing and GIS, Forestry in Germany, Scientific working (Note: each subject is a module of 4 hours/week/semester or 60 contact hours).</p>
Target group	Forestry officers holding a diploma, higher education graduates, who are working as specialists at an institution of higher education, a forestry commission, or in a forestry-related industry in the tropics and subtropics.
Course structure	2 semesters course work (modular structure), 1 semester project, 1 semester thesis
Course language	English
Entry requirement	<ul style="list-style-type: none"> ● Degree in forestry science or in other subjects relevant to the post-graduate course ● At least 2 years of professional experience ● Fluency in English: - TOEFL (550 points) or IELTS (band 6) - certificate ● Age limit: 36
Degree/Certificate	Master of Science (MSc.)
Course begins	October 2006
Course duration	24 months

Tropical and International Forestry

- Duration of German language course prior to beginning of programme** 2 months
- Application deadline** 31 August 2005 at the German Embassy; 30 September 2005 at DAAD and at the University.
- Remarks** The two-month German course begins early August 2006. A field research trip to a developing country forms an integral part of this course and is part of the master thesis.
- For further information contact** Prof Dr Ralph Mitlöhner
Georg-August-University Göttingen
Faculty of Forest Sciences and Forest Ecology
Institute of Silviculture, Sect. II: Tropical Silviculture
Buesgenweg 1
D-37077 Goettingen
e-mail: tiftut@gwdg.de
<http://www.forst.uni-goettingen.de/studium/tif/intro.shtml>

Master of Science in International Horticulture

Master of Science in International Horticulture

Institution	Universität Hannover
Location	The University of Hannover with more than 30,000 students and about 1,700 employees (including 400 professors) offers a broad study spectrum from natural sciences and engineering to economics, law and the humanities. Hannover is a cultural centre in Northern Germany. It has several theatres, an opera house and a number of museums. Touristic highlights are the Old Town Hall, the Market Church and the Leibniz House, where Gottfried Wilhelm Leibniz lived from 1698 up to his death in 1716. Because of its numerous parks Hannover is a very green city.
Course focus	<p>Continuing economic growth world-wide is leading to an ever-increasing pressure on natural resources. It is necessary to find new solutions to this problem so that long-term sustainable development can be initiated and guaranteed. Intensive scientific research as well as well-developed and organised extension services can make a valuable contribution to solve the problems arising from this. Especially horticulture, being one of the most intensive forms of land use and consumption of resources, must meet this new challenge.</p> <p>With the establishment of the research-orientated graduate course "Master of Science in International Horticulture" (abbrev. "MSc. Horticulture"), it is intended to make a contribution towards the training of potential scientists and extension officers who will be in charge of these tasks.</p> <p><i>Optimal facilities available</i></p> <p>In order to achieve this the Institutes for: (1) Vegetable and Fruit Science, (2) Floriculture, Tree Nursery Science and Plant Breeding, (3) Plant Nutrition, (4) Plant Diseases and Plant Protection, (5) Horticultural Engineering, and the (6) Unit of Bioinformatics has an almost unique combination of subjects at its disposal.</p> <p>Additionally, the Institute of Horticultural Economics, Institute of Botany and the Unit of Molecular Genetics participate in the course. This allows the student to specialise in a wide range of fields of research.</p> <p><i>Structure of the graduate course</i></p> <p>The graduate course lasts four semesters (two academic years). During this time students have to complete a research project for their Master's thesis. The thesis should achieve a scientific level that permits the results to be published in an international peer reviewed journal.</p> <p>Parallel to this, students must successfully complete courses equivalent to 60 ECTS credit points during these two years. The total number of courses available is 44. The goal of the courses is to provide the students with the necessary methodological know-how and enable them to obtain detailed specialist knowledge in an effective way.</p> <p><i>Supervision of the students</i></p> <p>A supervisory committee consisting of three academics is formed for every MSc student. It consists of the main supervisor, who is responsi-</p>

Master of Science in International Horticulture

ble for determining the subject of the research project and its organisational framework of conditions. The two other supervisors ensure that the student receives the training necessary for successful research. The supervisory committee holds three colloquia with each individual student. The subject of the colloquia is a discussion about the concept of the research project, its progress and its results.

Integration of the students into the institutes

Every student on the Master's programme is given a work place in the institute in which the research is carried out. Thus students will be easily integrated into their subject. The permanent contact with staff members will also help students to find their way into German everyday life.

Target group	Young professionals in the field of horticulture, agriculture, biology, or related subjects including horticultural and agricultural economics
Course language	English
Entry requirements	<ul style="list-style-type: none"> ● The requirement for admission to the Master's programme is the successful completion of an undergraduate academic programme with above-average results at a college/university or polytechnic in the field of horticulture, agriculture, biology or related subjects. ● An internationally recognised qualification (preferably a B.Sc. in Horticulture, Agriculture or Biology or related courses of study) is required. Further details can be found in the course's Regulations for Admission. ● Students with practical work experience (two years at the minimum) are preferred. ● Fluency in English - TOEFL (550 points) or IELTS (band 6) - certificate. ● Age limit: 36 years
Degree awarded	Master of Science in International Horticulture (M.Sc.)
Course begins	October 2006
Course duration	24 months
Duration of German language course prior to beginning of programme	2 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 November 2005 at the University.
Remarks	<p>In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available in the internet or from the Admission Office.</p> <p>For DAAD Scholars: A two-month intensive German course begins early in August 2006.</p>

Master of Science in International
Horticulture

**For further
information contact**

Universität Hannover
Master of Science in International Horticulture Admission Office
Prof. Dr. Dieter M. Hörmann
Herrenhäuser Str. 2
30419 Hannover
Germany
Phone (++49/511) 762-4184
Fax (++49/511) 762-3606
e-mail: hoermann@gem.uni-hannover.de
<http://www.gartenbau.uni-hannover.de/fb/msc/>

**International Studies in Aquatic
Tropical Ecology (ISATEC)**

International Studies in Aquatic Tropical Ecology (ISATEC)

Institution	University of 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 MSc programmes. Special events for foreign students (e.g. language classes, cultural programmes, an international office, student partnerships) are designed to support international students.
Course focus	ISATEC aims at the joint education and specialisation of German and foreign postgraduate students in the field of tropical aquatic ecology, including theoretical and applied ecology, with emphasis on concepts and methodologies for the sustainable utilisation and conservation of tropical aquatic ecosystems. Thus, fisheries biology, aquaculture sciences as well as ecological economics and social sciences relevant to coastal planning and management are major parts of the programme. The education in multicultural groups, the solution of conflicts as well as the realisation of the benefits of diverse backgrounds, will further qualify graduates for working in international teams. 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 MSc – thesis.
Target group	Graduates with a strong interest in tropical ecology and the management of natural resources, desiring to work on applied issues, possibly in international multidisciplinary teams on a local, international or global level
Course language	English
Entry requirement	Prerequisites for foreign students are the academic degree “Bachelor of Science” in biological or environmental sciences. Students who studied at a German university have to have passed the “Vordiplom” and an additional year in the “Hauptstudium”. Proficiency in English (TOEFL with a minimum score of 550 points, 213 computer-based), is required for non-native speakers. For DAAD scholarship applicants: at least two years of professional experience; age limit: 36 years All application forms and information can be downloaded from our web page www.isatec.uni-bremen.de
Degree awarded	Master of Science in Aquatic Tropical Ecology
Course begins	October 2006
Course duration	24 months (4 terms)

International Studies in Aquatic
Tropical Ecology (ISATEC)

Duration of German language course prior to beginning of programme 2 months

Application deadline For scholarships: 31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the ISATEC co-ordination office.
For applicants with own financial resources: July 15th 2006. In addition to the official DAAD application form, candidates are required to submit a particular course application form, which is available on the ISATEC web page or directly from the ISATEC- coordination.

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. A tutor further offers study groups, helps 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 orientation on campus, and especially to prepare for the term abroad and the field-work. 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 Bremen University in collaboration with the Centre for Tropical Marine Ecology (ZMT) which is the central German institution co-ordinating all German research and collaborations in the tropics. Lecturers with long years of working and teaching experience in tropical countries as well as from tropical countries are complemented by scientists from the Alfred Wegener Institute for Polar and Marine Research (AWI), Max Planck Institute for Marine Microbiology (MPI) and from other German universities.

Currently, there are no tuition fees for this course other from the standard enrolment fees at the beginning of each semester (approx. 170 EUR (200 US\$)).

For further information contact Prof. Dr. M. Wolff
ISATEC co-ordination office
Center for Tropical Marine Ecology
Fahrenheitstr. 6
28359 Bremen
Germany
Phone (+49/421) 238 0042
Fax. (+49/421) 238 0030
E-mail: isatec@uni-bremen.de
<http://www.isatec.uni-bremen.de>

Community Health and Health Management in Developing Countries

Community Health and Health Management in Developing Countries

Institution	Heidelberg University (Ruprecht-Karls Universität Heidelberg)
Location	Heidelberg has a population of around 135,000 inhabitants and is situated in the state of Baden-Württemberg, 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 well known as an important centre for teaching and research in Germany. The University of Heidelberg is the oldest university in Germany, founded 1386 (around 29,000 students today and a relatively high proportion of foreign students: 15%).
Course focus	<p>The course combines elements and methods of basic sciences from epidemiology and statistics with the principles of management and community health. Special emphasis is placed on communication, health service management and community participation in health development. The course includes a 2 month field study and the writing of a thesis on a health management related topic.</p> <p>The aim of the MSc course is to give advanced training to physicians and other professionals with working experience in leadership positions in the health sector in the fields of planning, management and administration, communication, implementation and evaluation of health services at district and/or provincial level in developing countries.</p> <p>More specifically, after successful completion of the course participants are able to</p> <ul style="list-style-type: none"> ● apply qualitative and quantitative research methods deriving from the health and social sciences ● identify, set priorities and analyse causes of health problems ● plan, manage and evaluate health interventions at district/ provincial level ● apply communication skills effectively ● plan, carry out, analyse and write up relevant operational studies ● understand and influence decision-making processes related to health (implementing change) <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, presentations based on their own working experience, case studies and group discussion.</p> <p>Course content: Orientation, systems approach to health, assessing community health needs, epidemiology, statistics, qualitative methods, community health, medical anthropology, health education, health service organisation and community participation, health management, planning, management, health economics and health service financing, field study (a two months field stay is an integral part of the programme, i.e. participants are expected to plan and carry out a small applied research</p>

**Community Health and Health
Management in Developing Countries**

Target group	<p>project under close academic guidance. Topics are identified by the course co-ordination in collaboration with a broad range of host institutions in Developing Countries. This research forms the basis for the thesis, the part of final examination.</p> <p>Assessment of participants is done by tests at the end of the modules, the thesis (written part of final exam), and a final oral examination at the end of the course.</p> <p>Faculty members of other institutes of Public Health act as external examiners to ensure the international standard of the course.</p>
Course language	English
Entry requirement	<p>Physicians and other academic professionals in health-related fields with at least two years' working experience in a leading position in the health sector in a low income country.</p> <p>Degree in medicine (MD, MBChB, MBBS, Bachelor, etc) or any other equivalent academic degree with at least 2 years' career experience in the health sector in a low income country.</p> <p>English language proficiency: if your first language is not English, you are requested to provide confirmation of your English language ability. TOEFL: minimum score of 220 in the computer based test, or IELTS: minimum band of 6.</p> <p>Age limit for DAAD for a scholarship application: 36 years</p>
Degree awarded	"Master of Science in Community Health and Health Management in Developing Countries" MScCHHM (Heidelberg)
Course begins	October 2006
Course duration	12 months
Duration of German language course prior to beginning of programme	2 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the course secretariat at the University.
Remarks	In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from the course secretariat
For further information contact	<p>Heidelberg University Department of Tropical Hygiene and Public Health MScCHHM- Course Office Im Neuenheimer Feld 324 69120 Heidelberg Germany Phone (++49/6221) 56-4905 Fax (++49/6221) 56-4918 anke.nitschke@urz.uni-heidelberg.de http://www.hyg.uni-heidelberg.de/ithoeg/TEACHING/MSc/index.htm</p>

Veterinary Public Health

Veterinary Public Health

Institution	Freie Universität Berlin (in partnership with Chiang Mai University, Thailand)
Location	<p>Founded in 1948 the Freie Universität Berlin (FUB), with 43,500 students being the largest of the 3 Berlin universities, offers more than 90 programmes of study, i.e. the entire spectrum associated with a traditional university (except Engineering).</p> <p>The Faculty of Veterinary Medicine of the Freie Universität Berlin has a history of almost 40 years in postgraduate training in tropical veterinary medicine. Since 1992, the Freie Universität Berlin has been offering international postgraduate training formats in epidemiology and preventive veterinary medicine as well as in veterinary public health leading to the academic degree of a Master of Science in Tropical Veterinary Epidemiology (MSc TVE).</p> <p>Its Postgraduate Studies in International Animal Health are the executing institution for all international training programmes. To date, six international courses on (1) veterinary public health and food hygiene and (2) epidemiology and preventive veterinary medicine have been conducted, for 74 young/mid-career veterinary graduates from 27 countries in Africa, Asia and South America.</p> <p>This latest Joint MSc Programme in Veterinary Public Health (MSc VPH) is jointly executed with the Faculty of Veterinary Medicine at Chiang Mai University (CMU) in Thailand.</p> <p>The Chiang Mai University (CMU) was founded in 1964 and currently provides 141 graduate and diploma programmes by 14 faculties. Its Veterinary Faculty (FVM-CMU) provides excellent facilities and aims at a strong profile of becoming a centre of reference for SPS Measures under OIE and FAO-WHO.</p> <p>Strong teaching and research support is to come also from the Institute of Meat Hygiene, Meat Technology and Food Hygiene of the University for Veterinary Medicine, Vienna / Austria.</p> <p>Berlin, the capital of the re-united Germany and its largest city, enjoys the reputation of a cosmopolitan and tolerant city offering a unique mixture of history, culture and modernity to the international student.</p>
Course focus	<p>The Master of Science (MSc) Degree Programme in Veterinary Public Health (VPH) for the Southeast Asian Region uses a modular curriculum structure to allow for state-of-the-art teaching of a particular topic as a combination of classroom knowledge transfer (lectures, group work, seminars, PC labs) linked to practical laboratory experiences (bench work) within a defined and uninterrupted time period at a particular partner institution. The successful participation in a module will lead to the achievement of the full credit points according to the study regulations of FUB as well as CMU</p>

Veterinary Public Health

PART A:

● **At partner university CMU; October – December 2007:**

Introductory modules (13 credit points; 3 mths)

Core Modules: Concepts and Methods of Epidemiology; Data Processing and Computing; Introduction to Public Health & Veterinary Public Health, Sanitary and Phytosanitary Requirements, Zoonoses.

Elective Modules: Food Technology, Environmental Health

● **At FUB; January – May 2008:**

Advanced modules (30 credit points; 5 mths)

Core Modules: Risk Analysis, Laboratory Diagnosis, Microbiological Food Safety; Food Chain Approach; Veterinary Public Health Systems Approach; Laboratory practical at the Institute of Meat Hygiene, Meat Technology and Food Hygiene of the University for Veterinary Medicine, Vienna / Austria (UVMV).

Elective Modules: Project Planning & Management; Animal Health Economics.

● **At partner university CMU and with Southeast Asian institutions in the region; June –August 2008:**

Region-specific modules (17 credit point, 3 mths)

Core Modules: Research Methodology and Scientific Writing; Disease Surveillance and Information Services; Veterinary Public Health: Regulatory Tasks; Veterinary Public Health: Structure and Legislation.

Elective Modules: Regulations, Rules and Requirements for Importing Food into the European Union; Regional Programmes for Veterinary Public Health.

PART B:

Master thesis in Southeast Asian region, at CMU and at FUB (Total: 13 mths)

Project work (10 credit points); Study design workshop (10 credit points); Data analysis workshop (10 credit points); Master Thesis and Oral Defense (30 credit points).

Target group

Young and mid-career veterinarians and other professionals (natural, agricultural, medical sciences) from the Southeast Asian region with a background in and training needs for veterinary public health and food safety.

Course language

English

Entry requirements

- The course is open to veterinarians and other professionals with
- a recognised degree in veterinary medicine or a food safety related subject
- a minimum of three years of relevant professional experience in the Southeast Asian region

Veterinary Public Health

- proficiency in English (TOEFL 550 points for paper-based score or 213 points for computer based score or IELTS Band 6)
 - a letter of motivation.
- Degree awarded** The Master of Science (MSc) Degree Programme in Veterinary Public Health (VPH) is implemented as **Joint Degree (“Dual Award”) Programme** between the Faculties of Veterinary Medicine of the Freie Universität Berlin / Germany and the Chiang Mai University in Thailand.
- Course begins** October 2007
- Course duration** 24 months (4 semester)
- Duration of German language course prior to beginning of programme** 4 weeks
- Application deadline** 31 August 2006 at the German Embassy; 30 September 2006 at DAAD; 31 January 2007 at the Freie Universität Berlin University
- Remarks** In addition to the official DAAD application form, candidates are required to submit a particular course application form that is available from the co-ordinators (see below).

The MSc Programme is co-financed under the EU ASIA LINK programme
- For further information contact** *As a citizen of a country in the South-East Asian region except Thailand:*
- The Co-ordinator –
Postgraduate Studies in International Animal Health, Faculty of Veterinary Medicine, Freie Universität Berlin
Luisenstrasse 56
10117 Berlin / Germany
Phone: +49-30-2093 6063 Fax: +49-30-2093 6349
E-mail: TropVet@city.vetmed.fu-berlin.de
Web site: <http://city.vetmed.fu-berlin.de>

As a citizen of Thailand:
- The Co-ordinator -
FUB – CMU Joint MSc VPH Programme, RC-VPH
Faculty of Veterinary Medicine, Chiang Mai University,
P.O.Box 212, Chiang Mai 50202 Thailand
Phone 66-53-948073 Fax 66-53-948072
E-mail vmilsrkt@chinagmai.ac.th
Web site: <http://www.vet.cmu.ac.th/veteng/index.html>

Vocational Education and Adult Education in International Development Work

Vocational Education and Adult Education in International Development Work

Institution	Technische Universität Dresden
Location	The "Technische Universität Dresden" was founded in 1828 and is among Germany's oldest universities of technology. With about 30,466 students and 4,500 employees, including about 600 professors, the TUD is the largest university in the German Federal State of Saxony. The TUD's 14 faculties cover a wide range of fields in science and engineering, humanities, social sciences and medicine. Dresden is the capital of Saxony, a baroque city with 450,000 inhabitants, located in the heart of Europe, with long tradition of contact to the East and the West. It offers excellent cultural and social activities and sports in the beautiful surroundings.
Course focus	<p>Pedagogic activities under various conditions at state-maintained institutions and private companies providing vocational training require teaching qualifications. This postgraduate course provides graduates from developing countries with the opportunity to obtain pedagogic and didactic qualifications.</p> <p>The subjects can be divided into four main groups:</p> <ul style="list-style-type: none"> ● The <i>bases of the vocational training</i> – Subjects such as Systematology and History of Vocational Education, Adult Education, Continued Education and Vocational Socialization and Psychology of Learning and Motivation are included here. Furthermore, the Contemplation of Vocational Education and Further Education in Europe and selected countries elsewhere in the world forms an important part. ● Sociological Basis – In this part there are courses which deal with Basic Business and Personnel Management, Sociology, Regional Studies, Environmental Problems and Ecology and Political Science. ● Mediadesign Basis – Didactics of Vocational Education and Continued Education, Computer-integrated Education/ Media Didactics, Theory and Practice of Communication are subject of this field. ● Special Disciplines – Study in Methodology of Project-Orientated Work, Methodology of Curriculum Development, Academic Work and Research Methods, Basic Law and Organisation of Education and Training <p>In-depth studies in the Compulsory Optional Section</p> <p>A compulsory optional section in which 4 vocational-training orientated in-depth study areas are offered, of which students are required to choose two. The chosen topics will be related to the students future work areas:</p> <ul style="list-style-type: none"> ● In-depth study in Occupational Field Theory/Specialist Didactics within a specific vocational orientation enhances the students' teaching skills and competence for vocational schools. The following

Vocational Education and Adult Education in International Development Work

vocational subject orientations are offered: Civil Engineering, Chemical Engineering, Electrical Engineering, Metal Engineering/Mechanical Engineering, Textile Engineering, Food Engineering/Domestic Science/Home Economics. In all cases, these vocational subjects require students to hold an appropriate engineering qualification, which means that students are not free to choose their subject at will.

- Subject of the specialisation Research – Production – Education are aspects with significance for education in modern production structures. These are the starting points for the determination of methodology in further education. Complex teaching methods are discussed in general as well as exemplary. Furthermore, tendencies, changing requirements in industry and subject of vocational education are reviewed.
- 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 student's home country.
- 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 re-structuring or developing the vocational education system in the respective home country. Graduates will obtain the required preconditions for employment with authorities, in offices of planning and consultation, in departments of personal management, 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
- 2 years of professional experience
- DSH
- Age limit: 36

Degree awarded

Master of Science in Vocational Education

Course begins

October 2006

Course duration

24 months, including two practical training courses of 4 weeks each, and the master thesis

Duration of German language course prior to beginning of programme

6 months. The course begins in April 2006

Application deadline

31 August at the German Embassy 2005; 30 September 2005 at DAAD; 15 October 2005 at the University.

Vocational Education and Adult Education in
International Development Work

**For further
information contact**

Prof. Dr. paed. habil. Hanno Hortsch
Technische Universität Dresden
Fakultät Erziehungswissenschaften
Institut für Berufspädagogik
01062 Dresden
Germany
Phone (++49/3 51) 46 33 49 15
Fax (++49/3 51) 46 33 26 59
e-mail: hortsch@rcs.urz.tu-dresden.de
<http://rcswww.urz.tu-dresden.de/~ast>

Peace and Conflict Studies

Peace and Conflict Studies

Institution	Otto-von-Guericke-Universität Magdeburg
Location	<p>The Otto-von-Guericke-University of Magdeburg was founded in 1993 and is one of the youngest universities in Germany. With 9 faculties and more than 10,000 students, it is a centre of teaching and research. Magdeburg, the state capital of Saxony-Anhalt, has developed into a city of business, science and culture.</p> <p>In 62 courses of studies, Magdeburg University offers education in different subjects and fields of specialization. Favourable study facilities and conditions, such as a well-equipped library and an optimal ratio teaching staff-students, attract students from around the world.</p>
Course focus	<p>The main objective of this interdisciplinary Master Programme is to introduce theories and methods of Peace and Conflict Research in order to broaden students' knowledge in this field and to improve their practical competences. In this setting, students will gain a wide variety of skills for understanding the intersections of social, cultural and political analysis. The course focuses on two main areas: (1) origins of violent conflict and possibilities for conflict transformation; and (2) experiences of peaceful interactions and promotion of non-violent ways of dealings with conflict.</p> <p>The Master programme Peace and Conflict Study include six modules:</p> <p><i>Module I – basics:</i> Theories and methods of peace and conflict research; introduction to international law and international institutions; international political economy; politics of human rights; strategies and means of conflict resolution.</p> <p><i>Module II – conflict analysis/case studies:</i> Methods of multidimensional analysis of conflict; historical case studies; analysis of current national and international conflict formations.</p> <p><i>Module III – international institutions and NGOs/global governance:</i> History and functioning of international organizations; the role of NGOs, global governance institutions and processes of social polarizations.</p> <p><i>Module IV – communication and education:</i> Issues of human rights politics; international ethics; discourses of violence; the role of the media.</p> <p><i>Module V – conflict resolution/regional and local conflict management:</i> Concepts of good governance and preventive diplomacy, peace making and peace keeping; transitional administrations, requirements for post-conflict societies.</p> <p><i>Module VI – simulation and mediation:</i> Conflict mediation; simulation of negotiations and decision making processes; planning of research programmes and practical projects.</p>
Target group	Young academics that are interested in future work in international and non-governmental institutions, in administrative departments, educational institutions, civil services, and institutions of social security systems. Furthermore this programme is designed to train the next generation of

Peace and Conflict Studies

Course language	young academics. German and English
Entry requirements	<ul style="list-style-type: none">● University degree, at least on a B.A. level● Good command of German (DSH or equivalent) and English (proficiency equivalent to "Abitur" level)● Practical non-academic experience is preferred but not required
Degree awarded	Master in Peace and Conflict Studies
Course begins	October 2006
Course duration	24 months
Application deadline	31 August 2005 at the German Embassy; 30 September 2005 at DAAD; 15 October 2005 at the University; 15 July 2006 at the University for self-financing students.
Remarks	In addition to the official DAAD application form, candidates are required to submit a particular course application form which is available from the Otto-von-Guericke-University of Magdeburg at: www.uni-magdeburg.de/ipw/fkf/index.html
For further information contact	Institut für Politikwissenschaft Otto-von-Guericke-Universität Magdeburg Dr. Dietmar Fricke or Dr. Jörg Meyer Zschokkestr. 32 39104 Magdeburg Germany Phone (+49/391) 6716-673 or -674 Fax (+49/391)67-16575 e-mail: dietmar.fricke@gse-w.uni-magdeburg.de meyer.joerg@gse-w.uni-magdeburg.de