BUSINESS STUDIES AND ECONOMICS

HAAß SUMMER SCHOOL

15th JUNE - 10th JULY 2020 Digital Transformation from a Management,

Technology and Farming Perspective

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IMPRINT

International Office of the Faculty of Business Studies and Economics University of Kaiserslautern

Welcome

Welcome

Haaß Summer School

Dear students of our Haaß Summer School,

I am very pleased to welcome you to our Haaß Summer School at the University of Kaiserslautern.



Ahead of you lies an exciting and interesting time, in which you will not only learn new scientific insights, but in which you will also have the opportunity to meet other exchange and local students, participate in interesting projects and get to know another country and its culture. All these impressions, experiences and opportunities for learning will prepare and inspire your future career. Hence, we encourage you to take part and benefit as much as possible from your stay in Kaiserslautern.

As a representative of the Haaß foundation, I would like to express the foundation's strong conviction that intercultural exchanges are of utmost importance in our modern global society. We therefore strongly support the Haaß Summer School as we have the unique opportunity to invite guest professors from which all students can benefit and we can support individual students with a scholarship.

The Haaß foundation was founded by Dieter and Ursula Haaß, who lived and worked in Kaiserslautern for their entire lives. Over the years, they supported many social projects within the community of Kaiserslautern and decided to continue this social engagement by establishing the Haaß foundation. The goal of the Haaß foundation is to support the faculties of Social Sciences and Business Studies and Economics. The projects we fund include the libraries, student exchange programs, individual scholarships, field trips and guest professors to name just a few.

I wish you a successful time in Kaiserslautern and unique experiences that you can take home with you!

Stefan Lorenz Chancellor of the University of Kaiserslautern & Board Member of the Haaß Foundation





The four-week program

15th June - 10th July 2020

Expand your horizon with a study abroad experience at the University of Kaiserslautern!

Why Kaiserslautern?

Use the unique possibility to combine your international study experience with culture, nature and exciting nightlife. Kaiserslautern is located in the middle of the Palatinate Forest and offers a variety of outdoor sports, for example trail running and mountain biking. For people who are interested in culture, the theatre, the museums and the Bundesliga soccer team may be worth a visit. And you should know two more things: Kaiserslautern offers the highest concentration of bars in Rhineland Palatinate and is located in the biggest winegrowing area of Germany.

Of course you will also attend interesting courses held by professors of the University of Kaiserslautern or international host professors.

So don't miss this amazing opportunity to experience Kaiserslautern, Germany and Europe first-hand! You will spend an unforgettable summer and we will do our best to make your stay as comfortable and outstanding as we can.

This booklet provides information about the many elective and mandatory courses available during the Haaß Summer School 2020. You will have the unique possibility to gain many ECTS during one month with the corresponding Certificate of Attendance. It will give you ideas about how to spend your spare time in and around Kaiserslautern as well. Please do not hesitate to contact the International Office Team whenever you need any further information or help.

Arriving in Kaiserslautern

...by airplane

In addition to the International Airport in Frankfurt am Main, there are other airports close to Kaiserslautern including Frankfurt-Hahn, Stuttgart, Karlsruhe, Saarbrücken and Luxemburg. So it should be easy for you to find an adequate flight from your home country. From any of these airports you can easily get to Kaiserslautern central station by train.

www.frankfurt-airport.com www.hahn-airport.de www.bahn.de/international

Following the third link you can check the train connections. Depending on which train you want to take (ICE or IC as fast trains are more expensive than RE/RB/S-Bahn), it will cost between 30 and 40 EUR from Frankfurt Airport to Kaiserslautern. You should buy your ticket in the railway office ("Reisezentrum") next to the train station inside Frankfurt Airport or by using one of the vending machines there. You can also buy your ticket online.

...by train

You can reach Kaiserslautern directly by train, too. You may choose one of the most comfortable trains like the modern fast IC Express which also runs from Frankfurt to Paris, for example, with a stop in Kaiserslautern. But there are also other slower and therefore cheaper trains going to Kaiserslautern.

...by car

Kaiserslautern can be reached easily via highway number 6 which runs from east to west up to the French border and highway number 63 running to the north as far as Mainz.



First night

If you're planning to live in a private room, you should contact your landlord and inform him or her of your date of arrival etc.

In addition, for your first nights in your own apartment it will be an advantage to bring your own bed linen/ sleeping bag due to the fact that they are not included.



The city of Kaiserslautern

Kaiserslautern

Kaiserslautern, a historic city set in the Palatinate Forest, is surrounded by a landscape of forest and hills. Nature and history meet dynamic technology, business and science as well as traditions and culture. In addition, Kaiserslautern is well-known as a footballloving city (1. FC Kaiserslautern, renowned throughout Germany and abroad as the "Red Devils").

History meets internationality

Founded in the mid-twelfth century by the legendary King Frederick I, known as 'Barbarossa', Kaiserslautern has always been an historic center. Today it is known for its cross-cultural character with the US Air Base known as "K-Town" nearby and the many international students at the University of Kaiserslautern. This diversity makes the developing city of Kaiserslautern so interesting!



Science and technology

When it comes to science and research, Kaiserslautern plays in the premier league. Several institutes of high repute, such as the Fraunhofer Institute for Experimental Software Engineering (IESE), the Fraunhofer Institute for Industrial Mathematics (ITWM), the German Research Centre for Artificial Intelligence (DFKI), the Institute for Composite Materials GmbH (Insitut für Verbundwerkstoffe GmbH; IVW), the Institute for Technology and Work (Institut für Technologie und Arbeit; ITA), the Institute for the Analysis of Materials and Surfaces (Institut für Oberflächen- und Schichtanalytik; IFOS) in addition to the research facilities at the University of Kaiserslautern are all located here.

Due to its great international reputation for information and communications technology (ICT) as well as for automotive manufacturing, now Kaiserslautern is a top-ranking city with international companies represented nearby. At the city's newly converted PRE Park, companies involved in ICT, such as Adam Opel AG, Freudenberg & Co. KG and John Deere Co. can work together closely.

Sporting paradise

Surrounded by the Palatinate Forest, Kaiserslautern is the ideal place to combine beautiful nature with the broad range of sporting activities offered by the city! Attractive hiking and biking trails that lead through the forest, up and down hills, will be a great challenge for athletes. In cooperation with the University of Kaiserslautern, "Unisport" provides a broad range of sporting activities, e.g. soccer, tennis, basketball or exceptional sports like the activity "Headis" developed in Kaiserslautern.



Cultural activities

For people who are interested in art and acting, the Pfalztheater and the Pfalzgalerie with its first-class art exhibitions are a remarkable idea for a visit in the evening hours. A wonderful destination for a relaxing day is the Japanese Garden, which is now the largest in Europe and the first of its kind in Rhineland Palatinate! You should also visit the gorgeous old castles and ruins in the neighborhood. There, you can explore German history with your friends, and the tourist guides there can tell you a lot of interesting facts and anecdotes.



Culinary delights

Enjoy not just the broad range of the international restaurants, including French, Italian, Spanish and Greek, but especially the typical German gastronomic specialties. Famous in this region is the Palatinate "Saumagen" consisting of pig's stomach filled with potatoes and meat.

Furthermore, the "Südliche Weinstraße" is well-known as the biggest winegrowing area of Germany. In the summer traditional wine festivals take place in every village in this area with live bands playing and everyone celebrating. An experience you should not miss!

The origin of Kaiserslautern-fact and fiction

There is a legend that suggests that the name of the city originated much earlier, in Roman imperial times. This legend states that during the persecution of Christians under Diocletian and Maximilian in Trier, 20,000 people died a martyr's death, with their blood colouring the water of the Mosel River over six miles. Many people fled to the hinterland to hide. At this time, a pious woman named Lutrina, who came from the noble Assyrian family that had founded Trier, fled to the forest with her servants. After a long time spent wandering, they finally found themselves in a wilderness inhabited by a hermit, where they built a home that they named Lutrea (Lautern). The exact place is still known today as 'Einsiedel', from the German word meaning hermit. Frederick I, known as "Barbarossa", constructed a palace around 1152 and thus helped Kaiserslautern to grow in reputation.



Getting started

Way to the university

If you come to Kaiserslautern by train you can take the buses "105, 106, 115" and in the evening "107" running from the stop right in front of the main station to the university (direction "K.-Schumacher-Str.") and leave the bus at the stop called "Uni West".

Within the first few days after your arrival a welcome meeting will take place with the team of the International Office.

Afterwards we will give you more information for the first days after your arrival, including:

- Signing the contract for your health insurance (if applicable)
- Registration at the university administration office
- Organizing your student ID
- Opening a bank account (if needed)



Student ID

The Student ID card is the official document which identifies you as a student of the TU Kaiserslautern and is only valid for one semester!

Your student ID card is an all-in-one card for any service on the campus, such as identification, access to the public transport system VRN (www.vrn.de), payment at the refectory and other places, copy card and library ID-card.

You can also find more information concerning travelling in Germany and Europe towards the back of this handbook. Additionally, you can get discounts in several institutions such as cinema, open air swimming pool, soccer stadium etc. with your Student ID.



University of Kaiserslautern

The University

Founded in 1970 and still the only university in the Rhineland-Palatinate region that specializes in science and technology, the University of Kaiserslautern regularly achieves leading positions in German national rankings. Currently about 16,000 national and international students are registered at this campus university. There are 12 faculties:

- Architecture
- Biology
- Business Studies and Economics
- Civil Engineering
- Chemistry
- Computer Science
- Electrical and Computer Science
- Mathematics
- Mechanical and Process Engineering
- Physics
- Regional and Environmental Planning
- Social Sciences

Within these faculties, the University of Kaiserslautern offers degree courses, partly taught in English, in 85 subjects. Students are able to choose from 10 different distance learning courses. It also offers possibilities for exchange to 150 universities in 27 European countries.

Together with theoretical knowledge, all these courses allow students to acquire practical skills. Furthermore, industrial internships and placements abroad are very common. The ratio of students to teaching staff at the University of Kaiserslautern is excellent!



Furthermore, the open-door policy between professors and students allows close contact. Students benefit from the university's collaboration with numerous distinguished research institutions and businesses on campus and nearby.

All the faculties, the library and the canteen are located close to each other, which makes everyday life on campus very easy. You also have access to free Wi-Fi throughout the campus. In addition to the ideally equipped multimedia rooms and attractive environment, this provides perfect conditions for learning and studying!

An alternative to studying is offered by "Unisport" with its more than 90 different types of sport and the "Unifit-Gym". There are university parties every Thursday during the semester and other interesting excursions, concerts, theatre performances and cinema screenings enhance the program of activities available to students.



Academic life in Kaiserslautern

The University of Kaiserslautern is the only scientific and technological university in Rhineland-Palatinate.

It is located south-west of the city center. All institutions of the university are within walking distance on a modern campus. At the present time there are around 16,000 students studying at the Technical University, of which 2,000 are long-distance students.

Academic year

At German universities the academic year is divided into two terms/semesters, the winter term (WS), starting around October 1st, and the summer term (SS), starting around April 1st. Please make sure to get your student ID by these dates!

The lectures generally start a few weeks later. There is a lecture-free period at the end of each semester. But these periods cannot be seen as typical holidays because students need to take their exams during these periods, prepare for final exams, undertake practical work experiences and complete term papers. You should only plan your holidays and departure date when you are sure of your responsibilities and tasks during the lecture free periods!

The fixed dates of the exams of the Faculty of Business Studies and Economics can be found on the following website or using the KIS system: www.wiwi.uni-kl.de





Faculty of Business Studies & Economics

A trademark of the Faculty of Business Studies and Economics is the integration of economics and technical expertise. It provides two opportunities, Business Studies and Engineering as well as Business Studies with Technical Qualifications. Especially in Business Studies and Engineering the University of Kaiserslautern is a leading provider in the field, with more than 27 years of experience in this area.

In Business Studies with Technical Qualifications students can select civil engineering, electrical engineering, Information Technology, or mechanical and process engineering as additional technical options. This offers a profounder knowledge of business and economics as well as solid technical skills.

Business Studies and Engineering focuses more on the technical aspect. Students can specialize in chemistry, electrical engineering, Information Technology, mechanical engineering or environmental and process engineering. The main object is to combine technology with business and economics.

The Faculty of Business Studies and Economics stands for teaching the required knowledge in an interdisciplinary context centering on technology and science. Multidisciplinary interplay between research, teaching and practice is a fundamental feature of the faculty.

Additionally, the global aspect is very important. Therefore the faculty supports close relationships with international research and business institutions and is seeking to extend its networks. Internships, work experience and placements abroad are essential components of a scientific education. Since 2009, the Faculty of Business Studies and Economics has offered students a program of soft skills through which they can learn and apply key competencies in the areas of personal and time management, communication and interviewing skills, presentation skills and moderation skills. These are instilled in two-day intensive training courses.



Departements

Each department has subdivisions such as institutes (Institute), teaching areas (Lehrgebiete), chairs (Lehrstühle), study groups (Arbeitsgemeinschaft/AG) or divisions (Abteilung). You will be a student at the Faculty of Business Studies and Economics (Wirtschaftswissenschaften), which is often called "WiWi", for reasons of simplicity. This department consists of different teaching areas and chairs, which are mainly located in buildings number 42 and 80. You can choose classes from the following areas.

Business management chairs

- Business Information Systems and Operations Research
 Prof. Dr. Wendt
- Entrepreneurship Prof. Dr. Baum
- Financial Services and Financial Management
 Prof. Dr. Hölscher
- Management Accounting and Management Control Systems
 Prof. Dr. Lingnau
- Management Studies Junior-Prof. Dr. Danner-Schröder
- Marketing Prof. Dr. Roth
- Personnel Management and Organisation
 Prof. Dr. Rabl
- Production Management
 Prof. Dr. Sahling
- Strategy, Innovation and Cooperation
 Prof. Dr. Müller-Seitz
- Sustainability Management
 Prof. Dr. Spraul
- Business Taxation and Auditing
 Prof. Dr. Hechtner

Economic sciences chairs

- Macroeconomics
 Prof. Dr. Wenzelburger
- Microeconomics
 Prof. Dr. Weinschenk

Law Chair

• Civil and Economic Law, Property Rights Prof. Dr. Hassemer

Please do not hesitate to contact the chairs whenever you need any help! Following an open-door policy, members of the department will be happy to help you with any kind of problem within their teaching area or will at least make an appointment if they are short of time at that moment. All the homepages of the teaching areas or chairs are accessible via the faculty homepage: www.wiwi.uni-kl.de

When studying as an exchange student in Kaiserslautern you are not limited to classes offered by the Faculty of Business Studies and Economics but can choose classes offered by all the other faculties as well.



Academic Courses

Academic Courses

16	Lecture Series "Digital Transformation from a Farming Perspective" Prof. Dr. Markus Frank, Dr. Matthias Nachtmann, Prof. Dr. Patrick Noack, Dr. Christian Stauf, Prof. Dr. Gordon Müller-Seitz, Ronja Schlemminger M.Sc
17	Lecture Series "Managing the Digital Transformation" Prof. Dr. Mauricio Camargo, JunProf. Dr Anja Danner Schröder, Prof. Dr. Davy Monticolo, Prof. Dr. Volker Lingnau, Dr. Christian Stauf, Prof. Dr. Gordon Müller-Seitz, Ronja Schlemminger M.Sc.
18	Game Theory: Interactive Reasoning and Choice Dr. Christian W. Bach
19	Introduction of Renewable Energy Technologies Prof. Dr. Tara Chandra Kandpal
20	Economics of Renewable Energy Technologies Prof. Dr. Tara Chandra Kandpal
21	World trade issues from the perspectives of China Prof. Dr. Mingtao Lu
22	Professional Presentation Techniques Chartflipper by Thorsten Ohler.
23	Adaptive Leadership: Theory and Practice Prof. Randy Richards, Ph.D.
24	Management in Far-East Asia Prof. Dr. Hans-Peter Sonnenborn
25	Optimization of Logistics Systems Prof. Dr. Daniele Vigo
26	Introduction to Computational Intelligence Prof. Dr. Oliver Wendt
27	Introduction to Multi Agent Systems Prof. Dr. Oliver Wendt
28	Green Management in Africa

Green Management in Africa Prof. David B. Zoogah, Ph.D.

Digital Transformation from a Farming Perspective

6 ECTS

Lecturers

Prof. Dr. Markus Frank Dr. Matthias Nachtmann Prof. Dr. Patrick Noack Dr. Christian Stauf Prof. Dr. Gordon Müller-Seitz Ronja Schlemminger, M.Sc. Yoo, Y., Henfridsson, O., Lyytinen, K. (2010): Research commentary - The new organizing logic of digital innovation: An agenda for information systems research. Information Systems Research 21(4):724-735.

Contact

patrick.noack@hswt.de ronja.schlemminger@wiwi.uni-kl.de

The topics covered are as follows:

Digital Farming Technologies Overview

Porf. Dr. Patrick Noack

- Introduction into chances and challenges of digital solutions in agriculture
- Technological Background: GNSS, GIS, CAN, Telemetry, Sensor Systems (Soil & Plant)
- Applications: Steering Systems, Section Control, Variable Rate Application, TIM

Agricultural Systems of the Future

Prof. Dr. Markus Frank

Digital Farming Case Studies for more Sustainable Agriculture

Basic-Literature for preparation

Colbert, A., Yee, N., George, G. (2016): The digital workforce and the workplace of the future. Academy of Management Journal 59(3): 731-739.

Sydow, J., Schreyögg, G., Koch, J. (200): Organizational path dependence: Opening the black box. Academy of Management Review 34: 689-709.

Managing the Digital Transformation

6 ECTS

Lecturers

Prof. Dr. Mauricio Camargo Jun.-Prof. Dr. Anja Danner-Schröder Prof. Dr. Davy Monticolo Prof. Dr. Volker Lingnau Dr. Christian Stauf Prof. Dr. Gordon Müller-Seitz Ronja Schlemminger, M.Sc.

Course description

This interdisciplinary workshop aims to bring together international students and researchers with a focus on 'digital transformation'. The five-day workshop addresses topics such as the management of digital transformation as well as technological and digital innovations.

The topics covered are as follows:

- "Management of the Digital Transformation from the Perspective of Innovation and Strategy Research"
- "Old wine in new bottles? What Digital Transformation means for organizational Research and what it doesn't"
- "Technological Maturity Models"
- "Strategies for Digital Transformation"
- "Controlling 4.0"
- ...

By the end of this course, students should have developed new skills in the field of Digital Transformation (Technology Management, Digital Innovations, Digital Technologies) by testing new teaching formats (blended learning), which contain elements of digital learning as well as 'face-to-face' learning. The workshop is adressing the topic of digital transformation through an interdisciplinary approach by combining business content with technological and engineering aspects.

Basic-Literature for preparation

Colbert, A., Yee, N., George, G. (2016): The digital workforce and the workplace of the future. Academy of Management Journal 59(3): 731-739.

Sydow, J., Schreyögg, G., Koch, J. (200): Organizational path dependence: Opening the black box. Academy of Management Review 34: 689-709.

Yoo, Y., Henfridsson, O., Lyytinen, K. (2010): Research commentary - The new organizing logic of digital innovation: An agenda for information systems research. Information Systems Research 21(4):724-735.

Contact

Website: https://erpi.univ-lorraine.fr/ ronja.schlemminger@wiwi.uni-kl.de

Game Theory: Interactive Reasoning and Choice

3 / 4,5 ECTS

Lecturer

Dr. Christian W. Bach University of Liverpool Management School, UK



Christian W. Bach is a game theorist with main research focus on epistemic foundations for solution concepts and on agreeing to disagree type results.

He currently serves as assistant professor at the University of Liverpool Management School and as research fellow at the EPICENTER of Maastricht University.

Besides, Christian Bach is also active in economic advisory for the firm Swiss Economics.

Research specializations

Competition Policy Epistemic Game Theory Game Theory Industrial Organization Interactive Epistemology

Selected publications

Bach, C. W. & Cabessa, J. (2017): "Limit-Agreeing to Disagree". Journal of Logic and Computation 27, 1169-1187.

Bach, C. W. & Perea, A. (2014): "Utility Proportional Beliefs". International Journal of Game Theory 43, 881-902.

Bach, C. W. & Tsakas, E. (2014): "Pairwise Epistemic Conditions for Nash Equilibrium". Games and Economic Behavior 85, 48-59.

Bach, C. W. & Perea, A. (2013): "Agreeing to Disagree with Lexicographic Prior Beliefs". Mathematical Social Sciences 66, 129-133..

Course description



Games are interactive decision situations and in this module we analyze them from a reasoning perspective and thus enter the beautiful realm of the field called epistemic game theory. Different patterns of thinking are modelled and linked to some procedure that identifies the corresponding choices. Entertaining examples and stories from everyday life are used to illustrate the formal concepts.

This module is offered both for 3 ECTS as well as for 4.5. ECTS credit points.-

The topics covered are as follows:

On successful completion of the course, the students should be able to:

- Common Belief in Rationality
- Simple Belief Hierarchies
- Incomplete Information
- Common Belief in Future Rationality
- Common Strong Belief in Rationality

Basic-Literature for preparation

Brandenburger, A. (1992): "Knowledge and Equilibrium in Games". The Journal of Economic Perspectives 6, 83-101.

Perea, A. (2012): "Epistemic Game Theory: Reasoning and Choice". Cambridge University Press.

Contact

Website: www.epicenter.name/bach Email: bach@epicenter.name

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Introduction of Renewable Energy Technologies

3 ECTS

Lecturer

Prof. Dr. Tara Chandra Kandpal Indian Institute of Technology Delhi, India



Curriculum Vitae

Prof. Tara Kandpal was born in Almora in the state of Uttarakhand in the Central Himalayan Region of India. He has a Master's degree in Physics from Kumaun University Nainital. Prof. Kandpal received his Ph. D. degree in solar energy from the Indian Institute of Technology Delhi, India in 1980 and is currently a professor at the same institute.

Dr. Kandpal has been on visiting assignments to the Brace Research Institute; McGill University, Canada, regularly taught courses to the students of European Solar Energy Engineering at Dalarna University, Sweden during 2001-2017, and has been a guest professor at the Technical University of Kaiserslautern, Germany for several short terms during 2011-2019.

Research specializations

- Solar thermal utilization
- techno-economics of renewable energy technologies
- renewable energy education.

Selected publications

Prof. Kandpal has published over two hundred research papers and co-authored/ co-edited eight books in the areas of optics of solar concentrators, testing of solar cookers, techno-economics of renewable energy technologies, renewable energy education, and rural energy systems.

Course description

Aim:

To provide basic knowledge, understanding and applicationoriented inputs on renewable sources of energy and technologies..

Learning Outcomes:

On successful completion of the course, the students should be able to:

- Understand the relevance of harnessing renewable sources of energy and also of renewable energy resource assessment
- Describe the designs and basic principles of operation of solar, wind and biomass based energy technologies and discuss their relative merits and limitations

Contents:

Origin and basic characteristics of renewable sources of energy; Solar radiation; Solar thermal collectors and their applications; Solar photovoltaic technology and applications; Wind resource characteristics and wind energy conversion systems; Biomass feed-stocks, conversion technologies and applications.

Basic-Literature for preparation

Twidell, J., Weir, T. 2006. Renewable Energy Resources, Taylor and Francis.

Boyle, G. 2004. Renewable Energy: Power for a Sustainable Future. Oxford University Press.

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Economics of Renewable Energy Technologies

3 ECTS

Course description

Aim:

To enable students to undertake techno-economic appraisal of renewable energy projects.

Learning Outcomes:

On successful completion of the course, the students should be able to:

- Understand and apply time value of money formulae
- Determine different measures of financial performance
- Assess the financial feasibility of renewable energy projects
- Analyze the effect of various incentives on the financial attractiveness of renewable energy projects

Contents:

Brief overview of renewable energy technologies; Economic considerations in designing renewable energy technologies; Identification and quantification of the 'Costs' and 'Benefits' of renewable energy projects; Time value of money, discount rate and equivalence formulae; Measures of financial/economic performance; Approaches for considering uncertainty in appraisal/evaluation of renewable energy projects; Incentives (including Viability Gap Funding, Soft Loan, Feed-in-Tariff, Renewable Purchase Obligation, Income Tax Credits, Carbon Credits etc.) for promoting renewable energy technologies;.

Basic-Literature for preparation

Park, C. S. 2011. Contemporary Engineering Economics. Fifth Edition, Pearson Prentice Hall.

Kandpal, T. C, Garg, H. P. 2003. Financial Evaluation of Renewable Energy Technologies. Macmillan India Ltd.

Relevant literature from Research Journals, Reports etc. (soft versions shall be made available to the students besides those of the presentations used for classroom discussion).

Mode of Performance Evaluation

(Same for each of the two RET courses)

Written examination is conducted at the end (usually in the last week of about six-week duration of the courses). Ninety (90)-minute duration examination is conducted for each course on the same day, one after another.



World trade issues from the perspectives of China

3 ECTS

Lecturer

Prof. Dr. Mingtao Lu Capital University of Economics and Business, China



Curriculum Vitae

Prof. Mingtao Lu is currently an associate professor of economics at CUEB, China.

He has been an active member in the research group of China's economic growth in the Institute of Economics of Chinese Academy of Social Sciences (CASS) since 2011, and he had been working as a summer PhD intern in the IMF in 2013, conducting a research on infrastructure development and its impact on economic growth in developing economies.

He received his PhD degree in political economy from Graduate School of CASS in 2014, with PhD dissertation probes into China's public pension reform in a structural change model.

He also had been working as postdoc in the Institute of Finance and Banking of CASS during 2014-2016, working on longevity risk management and reform on pension systems in China.

He joined the School of Economics of Capital University of Economics and Business in 2016, and he is also an Adjunct Professor of CASS's National Institution for Finance & Development.

Research specializations

- Economic growth theory
- development economics
- financial development,
- pension economics and finance
- trade theory

Selected publications

Pro Lu, Mingtao; and Liu, Lian, "The Productivity Approach Measurement and International Comparison of Human Capital", in Malovic, M. et al. (eds.), The State and the Market in Economic Development: In Pursuit of Millennium Development Goals, Brisbane, Australia: The IIDS Australian Inc., 2017, 56-80.

Course description

This course will provide a theoretical framework of world trade from the perspectives of China, so that China's trade policies could be better understood and predicted.

This course will cover the following eight issues:

- From Comparative Advantage to Structural Changes: International Trade in National Economy
- Gerschenkronian Industrialization and World Trade: An Input-Output Framework
- Flying Geese Model and its Extensions: A Model of World Trade Structure
- Import Substitution or Export Orientation: National Trade Strategies
- Commodity Price Differentials and Trade as Arbitrage
- Human Capital and Service Trade
- Globalization and Its Discontents
- World Trade in the New Economy:

Basic-Literature for preparation

Stiglitz, Joseph. Globalization and its Discontents. Penguin, 2015.

Professional Presentation Techniques

3 ECTS

Lecturer

Thorsten Ohler

University of Kaiserslautern, Germany info@chartflipper.de

Curriculum Vitae

As a soft skill trainer, facilitator and engineer, Thorsten Ohler offers individual trainings, workshops and visualizations since 2013 on www.chartflipper.de.

In 2020 we're looking forward to offering a professional presentation training by chartflipper.de for the fifth time after a few year break at Haaßsummer School.

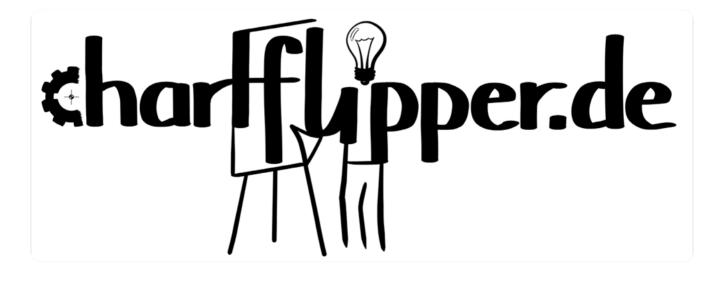
Research specializations

- Presentation and Facilitation Techniques
- Creativity and Problem-solving Techniques
- Facilitation and Group Facilitation
- Visualization Techniques



Interactive workshop with lots of practice, video feedback and individual tips, such as:

- How to structure a presentation
- How to boost your charts
- How to engage everyone in the audiance
- How to improve your standing and body language
- How to handle problems (e.g. stage fright, picking up the threads,...)



Adaptive Leadership: Theory and Practice

3 ECTS

Lecturer

Prof. Randy Richards, Ph.D. Professor Emeritus St. Ambrose University



Curriculum Vitae

Degree Programs:

- B.A. in Philosophy 1971 (St. Ambrose Uni., Davenport, Ia)
- M.A. in Philosophy 1974 (Georgetown Uni., Washington, D.C.)
- Ph.D. in Philosophy 1996 (Uni. of Iowa, Iowa City, Ia.)

Work Experience:

- 2000 to 2014: Visiting Professor International Business School
- 2003 to 2010: Chairperson Managerial Studies Department at St. Ambrose
- 2007 to Present: Contributing Professor, Zagreb School of Eco-nomics and Management, Zagreb, Croatia
- 2010 to 2016: Co-director of St. Ambrose Master of Organizational Leadership
- 2010, 2014, 2016: Visiting Professor, Kaiserslautern Technical University, Kaiserslautern, Germany
- 2014 to 2016: Visiting professor, Berlin Potsdam Business School, Berlin, Germany
- 2016 to 2017: Director of St Ambrose Master of Business Administration
- 2017: Professor Emeritus St. Ambrose University

Research specializations

Conflict Management, Dialogical Skills, Leadership Theory, Group Dynamics, Organizational Behavior, Adult Learning

Selected publications

Slabon, W. A., Richards, R. L., Dennen, V.P. 2014. Learning by restorying. Instructional Science

Braun, T., Richards. R.2016. Shaping collaborative ties in competitive industries: The case of a general contractor in the US construction industry and its supplier relationships. In: Managing interorganizational relations - Debates and case. J. Sydow, G. Müller-Seitz, E. Schüßler, pp.74-83.

Course description

This course explores adaptive leadership theory and its practical application in contemporary organizations. The course uses the research of Ron Heifetz and Marty Linsky as its basis. Adaptive leadership makes a sharp distinction between the work of authority/management (direction, protection and order) and the work of leadership which is facilitating the changing of organizational beliefs, values, assumptions and practices in order to thrive in a changing environment.

The course meets three times a week for four hours per class over two weeks: six meetings/24 contact hours in class. Additionally, it is expected that students will spend an additional 30 hours per week working outside of class. Outside work consists in readings, videos and the preparation of reports and analysis.

Basic-Literature for preparation

Selected readings in adaptive leadership Videos, talks, speeches on the topic of adaptive leadership

Management in Far-East Asia

3 ECTS

Lecturer

Prof. Dr. Hans-Peter Sonnenborn



Curriculum Vitae

Prof. Dr. Hans-Peter Sonnenborn was born in Memmingen/ Bavaria and spent his youth and school years in Essen. After studying Economics at the University of Cologne and Pennsylvania State University, USA, until 1973, he started his professional career at the Federation of German Industry. Besides his occupational work, he continued studying and passed his doctoral examinations with a dissertation on attitudes of business interest groups towards the stabilization policy of the government in 1979.

Prof. Dr. Hans-Peter Sonnenborn joined the automotive industry in 1980 when he continued his career as an assistant to the CEO of Audi NSU Auto Union. At Audi, he worked in various executive positions in product planning, product-management, sales and marketing. From 1985 till 1995 he worked for BMW and in 1989 took on the position of President of BMW Japan.

From 1996 to 2013, Prof. Dr. H.-P. Sonnenborn lectured in International Management at the Hof-University and the Catholic University of Eichstaett/Ingolstadt.

Research specializations

- Leadership Role and Function
- Global Management, International Marketing

Selected publications

Sultanow E., Sonnenborn, H.-P., Sultanow S. Einfluss Asiens auf die europäische Führungskultur, in: Digitale Fachbibliothek Management und Führungspraxis.

Course description

For 500 years, the world has been dominated by the western culture. Military power and economic success put the western world into this leading position. Due to the process of globalization, other parts of the world have been catching up and the dominance of the western world is relatively shrinking. This development can easily be reflected by the rise of the countries in Far-East-Asia: Japan, Taiwan, South-Korea, China.

We can also state the cultural diversity of the region Far East Asia and Europa could not be greater. For centuries, there has been hardly any kind of reciprocal influence. The cultural area of Far East Asia is (except for few specialists) alien to us. For a long time, the western world thought that their way of doing business is the only route to economic success.

Consequently:

- The lecture deals with the different cultural foundations between the Western and Eastern world;
- The lecture provides the knowledge for Management in Western and Far-East-Cultures;
- Students will learn to see, understand and compare the different approaches in management;
- The lecture raises questions and tries to find answers concerning the future position in the globalized world for the Western-and Far-East Countries;
- Students will also discuss the question whether these countries can learn from each other for mutual benefit.

Students should be interested in the way of managing in a different part of the world and should be open and inquisitive for another world which can be understood. This assumes that the student is prepared to enter an unfamiliar world.

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Optimization of Logistics Systems 3 ECTS

Lecturer

Prof. Dr. Daniele Vigo University of Bologna, Italy

Please contact Dr. habil. Mahdi Moeini for further information: mahdi.moeini@wiwi.uni-kl.de



Curriculum Vitae

Daniele Vigo obtained in 1993 the PhD in Systems Engineering at the University of Bologna and since 2004 is Professor of Operations Research at the Department of Electrical, Electronic and Information Engineering of the University of Bologna.

He is visiting professor at the Technical University of Wien, at the Vrije University Amsterdam and at the University of Lille.

He has been president of the Italian OR society and is founder and coordinator of the EURO working group on Vehicle Routing and Logistics optimization.

Research specializations

- Design and analysis of Combinatorial Optimization problems
- Exact techniques, heuristic and metaheuristic techniques

Selected publications

Daniele Vigo is author of more than 130 scientific papers and coeditor of some highly cited books on vehicle routing and logistics optimization.

Course description

The course is aimed at providing an overview of the quantitative methods that can be used to support the optimal design and management of modern logistics systems.

Special attention will be devoted to the design of logistic networks and to the optimization of long distance and local transportation of freights. Illustrative examples of models and algorithms will be treated by using general purpose and special solvers.

Introduction to Computational Intelligence

3 ECTS

Lecturers

Prof. Dr. Oliver Wendt University of Kaiserslautern, Germany

Dr. habil. Mahdi Moeini University of Kaiserslautern, Germany *mahdi.moeini@wiwi.uni-kl.de*



Selected publications

Please visit the following website: https://bisor.wiwi.uni-kl.de/en/research/publications/

Course description

For many assignment and permutation problems an exponential growth of the number of solutions prohibits the application of optimization algorithms known from Operations Research. Rather, literature and practitioners resort to the application of heuristics. Heuristics come with much lower computational effort but as a downside cannot provide a guarantee for the optimality of the solutions found.

First, the course focuses on local search heuristics inspired by analogies to nature (Genetic Algorithms and Simulated Annealing) and Tabu Search and compares their applicability for different classes of planning problems. Furthermore, most decision processes do not only confront us with a high number of alternatives but also with uncertainty. We show how Machine Learning (Reinforcement Learning and Artificial Neural Networks) can address this uncertainty in complex decision processes.

The course contains also an introduction to the programming language Python and to the solver Gurobi, which is used by many practitioners and academics for solving linear and integer programming models.

Curriculum Vitae

Prof. Dr. Oliver Wendt studied Business Administration at the Koblenz School of Corporate Management, at HEC Montréal and at USC Los Angeles.

After working as management consultant in the area of Airline and Hotel Yield Management, he joined Prof. Dr. Wolfgang König at the Chair of Business Information Systems Goethe Universität Frankfurt/Main. There he received his PhD in 1994 for combining Simulated Annealing and Genetic Algorithms into a hybrid heuristic yielding superior solutions for vehicle routing problems. Interrupted by an interim professorship at Ruprecht-Karls-Universität, Heidelberg (1999), Oliver Wendt stayed at Frankfurt University as a Post-Doc Researcher and Assistant Professor until his habilitation (2003) for his work on economic foundations of business informatics. After half a year as a visiting researcher at the International Computer Science Institute in Berkeley Oliver Wendt accepted the call to a to a full professorship at the TU Kaiserslautern in October 2004.

Research specializations

- Complex (and often stochastic) search and optimization problems in business
- Yield management
- Metaheuristics
- Distributed problems

Introduction to Multi Agent Systems

3 ECTS

Lecturer

Prof. Dr. Oliver Wendt University of Kaiserslautern, Germany

Course description

Multi agent systems allow the modeling of interacting processes between autonomous acting individuals in distributed systems while using compact software modules for deployment. On the one hand due to their modularity MAS are very appropriate for the control of inter-enterprise processes that are common in logistics and supply chain management, on the other hand MAS are suitable for the micro-simulation of socio-technical and economic processes.

The MAS lecture provides an introduction into the technical foundations of MAS, like e.g., ontologies and FIPA system architecture and additionally discusses aspects of model design and implementation. In this context the economically and game-theoretically oriented domain of mechanism design is treated jointly with associated aspects like trust and reputation.

In its final part the lecture is mainly concerned with the deployment of MAS technologies in the domain of logistics, supply chain and IT-resource management in practice.

Basic-Literature for preparation

Fasli, M. 2007. Agent Technology for e-Commerce, Wiley

Wooldridge, M. 2001. An Introduction to Multiagent Systems, Wiley



Green Management in Africa

3 ECTS

Lecturer

David B. Zoogah, Ph.D.

Associate Professor Xavier University Zoogahd@xavier.edu

Curriculum Vitae

Academic Degrees

- 2006 Ph.D. The Ohio State University- HRM/OB
- 2004 M.L.H.R. The Ohio State University-HRM
- 1999 M.B.A. Xavier University Finance
- 1996 B.A. Cape Coast University Business Administration
- 1996 Dip. Ed. Cape Coast University Education

Academic Work Experience

- 2016-Present Associate Professor of Management, Xavier University, Cincinnati, USA
- 2015-2016 Full Professor of Management, Morgan State University, USA
- 2011-2016 Associate Professor of Management, Morgan State University
- 2006-2011 Assistant Professor of Management, Morgan State University

Teaching Activities

Courses Taught at Xavier University

- Masters level: Strategy and Organization
- Undergraduate: International Human Resources Management
- Undergraduate: Strategic Human Resources Management

Research specializations

- Africa Management
- Sustainability
- Strategic Followership
- HRM

Selected publications

Zoogah, D. B. & Zoogah, B. R. (Accepted). Benevolence and Negative Deviant Behavior in Africa: The Moderating Role of Centralization. Journal of Business Ethics.

Zoogah, D. B. (2018). Institutional Risk and Firm Performance in Africa: The Moderating Role of Corruption Control. Africa Journal of Man

Course description

In this module, we will explore Green Management in Africa. Specifically, we will focus on environmental sustainability at the national and organizational levels and the role of endogenous and exogenous agencies in advancing or constraining environmental sustainability in Africa.

Basic-Literature for preparation

Green Management in Africa The S-curve hypothesis Ecological Routines

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Leisure activities

Wine-Festivals (Weinfest)

More than a thousand wine festivals take place every year in Germany's wine growing regions, from the largest wine event in the world to local festivals in charming villages.

Kaiserslautern is located in Germany's biggest winegrowing area. During the harvesting period in the summer, there are many traditional wine festivals taking place in every village in this area. Join a trip to one of the festivals and experience the unique atmosphere!



Stuttgart

What is typical of Stuttgart? Cars: most people say Porsche and Mercedes, which is of course true. Stuttgart is renowned for its cars and its wine. After some thought, someone is bound to mention all the city's parks, from which Stuttgart has gained its reputation as the "city between forest and vineyards". Although Stuttgart is not on the waterfront, it certainly lies "on" the water. It boasts the largest mineral water deposits in Europe after Budapest, as witnessed by the fact that there are well over 250 springs within the urban area. Take part in a weekend trip to Stuttgart. Visit the impressive Mercedes Benz Museum and learn more about the popular German automobile manufacturer!



Castles

Germany is famous for its castles, with their pasts filled with knights, dukes and the devastation of wars. The castles, which boast a rich history, have been restored to their former glory and, in some cases, are lived in by the families of the founders. Their treasures include historic artefacts, paintings and weapons.

There are lots of old historical castles and ruins that are worth a visit. Get to know more about German history, learn interesting facts, and see the setting of fairy tales!



Nightlife / Club

The biggest club in Kaiserslautern is called "Nachtschicht". It is located on top of the shopping centre "E-Center" close to the main station. It is open on Thursdays ("Lady's Night"), Fridays and Saturdays. You can dance until 6 in the morning to different styles of music such as Hip Hop or House on different floors. From time to time there are theme parties with special prices.

Additionally, there is a number of smaller clubs in Kaiserslautern, playing different styles of music on different days.

- Pflaumenbaum
- Golden Club
- Foxy Club
- Underground
- Markthalle

Timetables including actual events and parties can be found on the following websites:

http://www.citydisplay.de_ https://www.asta.uni-kl.de/partys/

AStA summer party

This festival is one of the main events taking place during the summer term (usually in June) directly on campus. It starts in the afternoon and provides a wide variety of foods, drinks and music being played on several stages. You can find Japanese sushi, Spanish sangria and many other specialties from different countries. This event attracts thousands of people from beyond the university community and is spread across the whole university campus.

University parties

During the term, university parties take place almost every Thursday night, most of them usually on the ground floor of building 46 or in the Kramladen. Not only is the admission fee quite low (less than $5 \in$), beer and other drinks are also offered at very affordable prices. The music is diverse; you will find a band playing live music, Hip Hop, German songs, House etc. Sometimes parties have a special theme, such as the beer garden (Biergarten) for example. These events open their doors at 9 p.m. but rarely get going until 10.30 p.m. and run all night long.

Do not be afraid, you will not miss any of them, since there is always a huge advertisement in the entrance area of the cafeteria building.



Organizational matters

Arising expenses

Student status (approx. 250 €) includes:

- Student ID-Card
- Free public transport in and around Kaiserslautern (bus and train)
- Computer/Internet and printer usage (200 pages per month) on campus
- Reduced prices for meals on campus

Housing:

Approx. $300 - 400 \in$ monthly rent and $300 \in$ refundable deposit - housing most of the time on campus.

The International Office of the Faculty of Business Studies and Economics can not provide you with a room, however we will help you find accommodation if requested. Usually, it is a room in a shared flat including furniture (bed, wardrobe, desk and shared kitchen and bathroom). You will get the deposit (you have paid in advance) back after you have left your room without any complaints.

The Haaß Summer School of the Faculty of Business studies and Economics is supported by the Ursula & Dieter Haaß Stiftung.



Your application

Application deadline

31st of March 2020

Required documents

- Application Form (Download)
- Learning agreement
- Course Selection Form
- Transcript of records

Please apply for the Haaß Summer School of the International Office of the Faculty of Business Studies in Kaiserslautern directly at the Department of International Affairs (ISGS) of the University of Kaiserslautern.

Contact Mrs. Nina Huber via e-mail to get access to the online application process. Only complete applications submitted within the application deadline can be accepted.

Contact:

Nina Huber Social & Advisory Services for international students & researchers; Inquiries & Application: international Programs Gottlieb-Daimler-Straße 47, Room 626 67663 Kaiserslautern Tel.: +49 (0)631 205 4370 *E-Mail: huber@isgs.uni-kl.de*

Contact

International Office of the Faculty of Business studies and Economics

Supervisor



Prof. Dr. Gordon Müller-Seitz

Contact:

Room 42-146 Tel.: +49 (0) 631 205 5009 E-Mail: international@wiwi.uni-kl.de

Exchange Coordinator



Dr. Stefan Puderbach

Contact: Room 42-130 *Tel.: +49 (0) 631 205 3116 E-Mail: international@wiwi.uni-kl.de*



Exchange Coordinator

Ronja Schlemminger, M.Sc.

Contact: Room 42-137 *Tel.:* +49 (0) 631 205 5184 E-Mail: *international@wiwi.uni-kl.de*

Student Assistants

Contact: Room 42-136 E-Mail: international@wiwi.uni-kl.de



Tim Bechtel



Juri Kaufmann



Waldemar Martel

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Useful vocabulary

General expressions

Yes No Maybe I don't know Please Thank you Sorry Excuse me May I...? Pardon? I would like to..? Have you got ...? How much is ..? I (don't) like this. Good Bad Open Closed Broken Doesn't work Help! Caution!

Ja Nein Vielleicht Ich weiß es nicht Bitte Danke Entschuldige Entschuldigen Sie Darf ich ...? Wie bitte? Ich möchte... Haben Sie.? Wie viel kostet..? Ich mag das (nicht). Gut Schlecht Offen Geschlossen Kaputt Funktioniert nicht. Hilfe! Vorsicht!/Achtung!

Date & Time

Monday Tuesday Wednesday Thursday Friday Saturday Sunday weekday Holiday Today Tomorrow Yesterday Hours Minutes Dav Week Month Year What time is it? Three o'clock.

Dienstag Mittwoch Donnerstag Freitag Samstag Sonntag Werktag Feiertag Heute Morgen Gestern Stunden Minuten Taq Woche Monat Jahr Wie viel Uhr ist es? Drei Uhr.

Montag

Welcome & Goodbye

Good morning Good afternoon Goog evening Good night Hello Goodbye Bye My name is .. What's your name? I'm from... Guten Morgen Tag Guten Abend Gute Nacht Hallo Auf Wiedersehen Tschüss Ich heiße.. Wie heißt du? Wie heißen Sie? Ich komme aus...



Vocabulary

To go

Food & Drink

Left	Links
Right	rechts
Straight ahead	Geradeaus
Back	zurück
Near	Nahe
Far	weit
Entrance	Eingang
Driveaway	Einfahrt
Exit	Ausgang/Ausfahrt
Depature	Abfahrt/Abflug
Arrival	Ankunft
May I take a picture of	Kann ich ein Bild von
you?	Ihnen mache?
Where is?/Where are?	Wo ist ?/ Wo sind?
Toilets	Toiletten
Ladies	Damen
Gentlemen	Herren
Bus	Bus
Tram	Straßenbahn
Underground	U-Bahn
Тахі	Taxi
Parking place/ Car park	Parkplatz/Parkhaus
Street map	Stadtplan
Мар	(Land-)Karte
Station	Bahnhof
Harbour	Hafen
Airport	Flughafen
Schedule	Fahrplan
Ticket	Ticket
Train	Zug
track/platform	Gleis
Single	Einfach
Return	Hin und zurück
I would like to rent	Ich würde gerne mieten.
Car	Ein Auto
Bicycle	Ein Fahrrad.
Petrol station	Tankstelle
Petrol/Diesel	Benzin/Diesel
Breakdown	Panne
Garage	Werkstatt

Could you please book	Können Sie bitte einen
a table?	Tisch reservieren?
May I have ?	Kann ich bitte haben?
Knife	Messer
Fork	Gabel/
Spoon	Löffel
Salt	Salz/
Pepper	Pfeffer
Sugar	Zucker
Vinegar	Essig
Oil	Öl
Milk	Mich/
Cream	Sahne
Lemon	Zitrone
lce	Eis
With/ without gas	Mit/ ohne Kohlensäure
Vegetarian	Vegetarier
Allergy	Allergie
May I have the bill,	Kann ich bitte die
Please?	Rechung haben?
Invoice	Rechnung
Receipt	Quittung

Frequently Asked Questions (FAQ)

Who can I contact?

The team of the International Office of the Department of Business Studies and Economics can help you with every question. You can reach us during our office hours or by e-mail: international@wiwi.uni-kl.de

When is the application deadline?

You can send us your complete application until March 31st 2020. You can find the application form on our homepage:

https://international.wiwi.uni-kl.de/haass-summerschool/application/

Do I need special qualifications?

No, you don't need any special qualifications.

Do I have to be able to speak German?

No, every course will be taught in English. But you will have the opportunity to participate in a German language course.

Which qualifications can I gain?

You will get the ECTS points for your courses as well as a certificate of attendance.

Do I need a visa to study at the summer school?

You do need a visa if you are coming from outside of Europe. Therefore, we will give you an acknowledgment of your stay.

Do I need to do any reading before the course starts?

No, but you should catch up on the general information about the schedule, rooms, etc.

Do I have to take the exams? Will I still get a certificate if I don't?

If you don't take the exams, you will get a Letter of Participation but no transcript of records.

How will I receive my transcript?

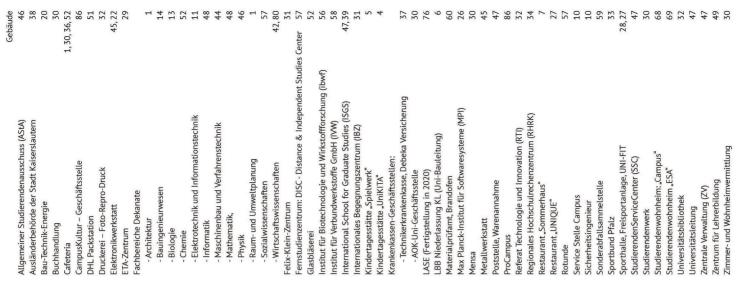
You will receive your transcript per post.

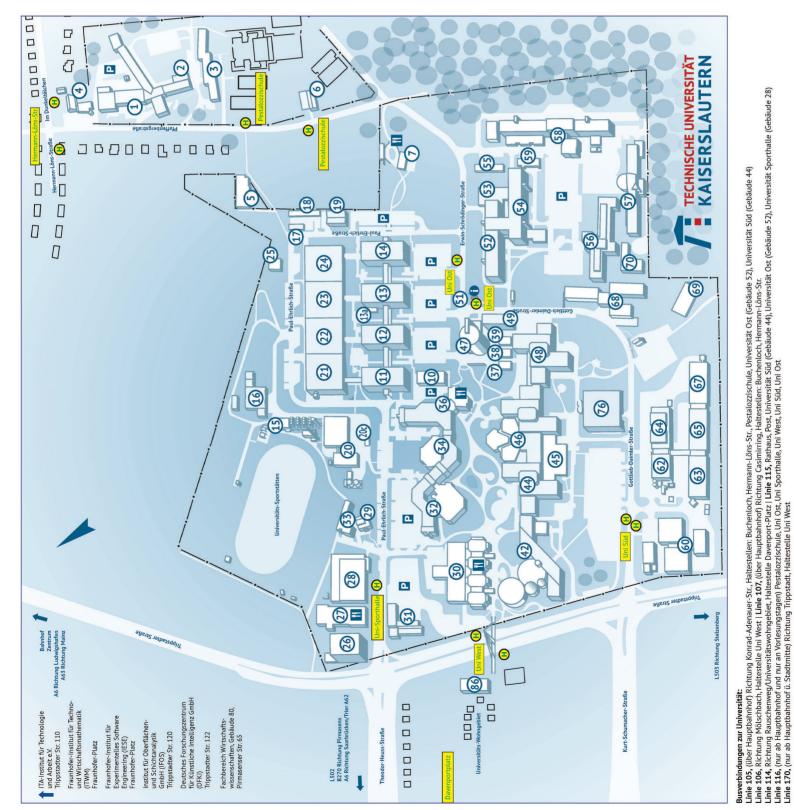
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Will I have full access to the library and its facilities? Are computer workstations available for Haaß Summer School students?

You will get a Student ID-Card, which gives you full access to the library, canteen and local transport. Free Wi-Fi is available throughout the whole campus and you can utilizes the PCs on the RHRK.

FAQ





BUSINESS STUDIES AND ECONOMICS



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