



th  
Technische Hochschule  
Ingolstadt

# *Future in Motion*



Technische Hochschule  
Ingolstadt

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# Dear Students,



Photo: THI

*A warm welcome on these pages.*

We are delighted that you are interested in Technische Hochschule Ingolstadt (THI). We offer you several choices to profit from: study programmes, targeting both international students completing an entire degree course as well as exchange students staying a semester or two. You can acquire a doctor's degree and work with our Research Centre. You can benefit from our company network and study in one of our dual study programmes, combining high quality vocational and academic education. And, last but not least, it's also fun to live, study and work with us in the centre of Bavaria, the most dynamic and successful region of Germany.

Taking internationalisation as our natural mission, we provide not only several international Bachelor's and Master's degree programmes such as "International Retail Management", "International Automotive Engineering" and "Automotive Production Engineering" but also subject-related foreign language courses and elective subjects dealing with international and intercultural topics.

International students are sincerely welcome to study at THI. We appreciate and foster the integration of our international students into everyday life at our university through a variety of services, e.g. information and support with the application procedure, intensive support during the orientation phase on-site and linking up with local students.

Enjoy this brochure and all the information provided – and maybe you decide to come to Ingolstadt and join our international community.

*I am looking forward to welcoming you on campus!*

Yours sincerely,

Prof. Dr. Walter Schober, President



# Future in Motion



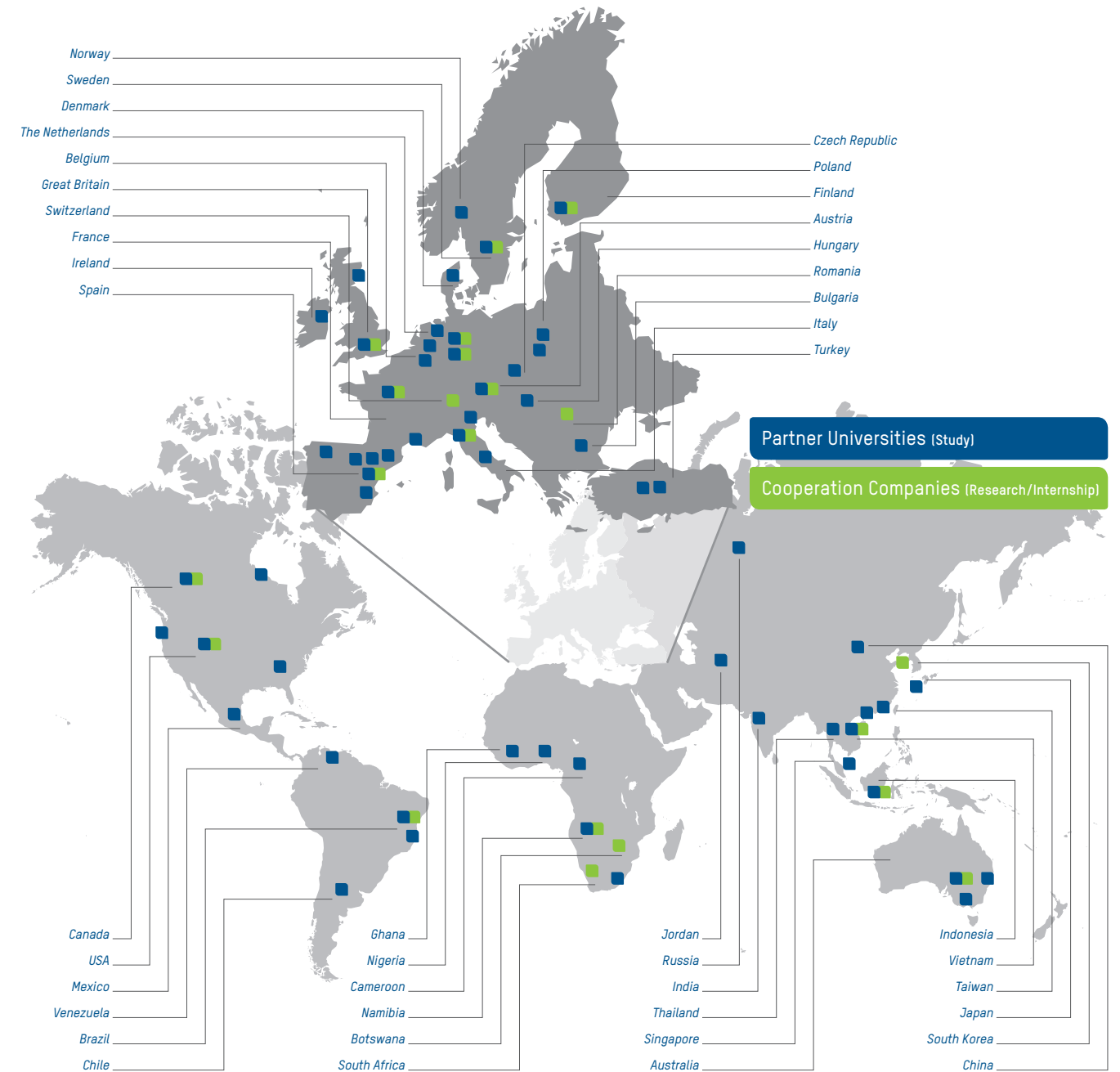
*Incorporated in 1994, THI has created a modern place for students, faculty, researchers, and scientists for first-class learning and research. It is our mission to educate students with practical implementation according to scientific standards and to create intelligent solutions, setting trends in the innovation of teaching and research.*

Currently, about 5,000 young people are studying at THI. Students acquire expertise in more than 40 programmes in the fields of engineering and management. Our special area of expertise is mobility: automotive and aerospace engineering, mobility management – for us, that’s fun, not work.

THI cooperates with more than 200 companies providing internships, research, students’ projects or bachelor’s and master’s thesis. The international commitment of THI is based on almost 100 partner universities around the world.

The THI Research Centre builds on a centuries-old tradition at Ingolstadt as a centre of academic research. We devote particular attention to the training and education of junior researchers: research work that systematically seeks to find solutions to specific problems is beneficial to the development and welfare of our region.

With about 70 academic staff, an annual increase in sales of four million euros and numerous publications, the THI Research Centre has developed outstandingly since its inception in 2004.





## Our International Campus



*THI is an international university.*

Currently, more than 450 foreign students from 60 countries are completing their studies with us. At THI you can develop your skills in engineering, computer science or business and management, you can learn a new language, study German culture, meet fellow students from all over the world, and benefit from the THI company network with attractive companies promoting your personal career.

THI Career Service & Student Counselling and International Office support incoming students taking their first steps in Germany. Individual services, a familiar campus atmosphere and numerous students from abroad will soon make you feel at home, away from home.

*Welcome diversity. That's what we are, at THI.*

*Meet other students!*

*Immerse yourself in the*

*German culture! See*

*different places! Learn*

*German! Enjoy your stay*

*in Ingolstadt and Bavaria!*

*The International Office*

*plans and organises a*

*large number of events for*

*international students.*

Meet interesting people from all over the world. Chat. Make new friends. Play some music. Join our international regular's table that takes place every fortnight.

*Excursions*

International students look forward to getting to know Bavaria and Germany during their stay in Ingolstadt. The International Office organises excursions to different hot-spots: join us on a trip to Augsburg, Würzburg or Stuttgart. Or do you want to experience the BMW World in Munich? What about the baronial charm of Regensburg? Or the German Lebkuchen factory in Nuremberg? There are a lot of places you must not miss during your stay at THI.

*Games Night*

Learn how to play typical German card and board games. Join us and become familiar with a typical German pastime. We meet once a month to introduce you to German culture.

*International Evenings*

International students present their native country, their home university and their culture during our regular international evenings. Students and staff from THI enjoy getting to know more about our international students.

Photo: Can Stock Photo



## Traditional and Cosmopolitan

### Ingolstadt at a glance

- 127,000 inhabitants
- sixth largest city in Bavaria
- centrally located in Bavaria  
(Munich airport only 70 kilometres away)
- foundation of the first Bavarian University in 1472
- the German Beer Purity Law passed in 1516
- literary backdrop for Frankenstein's studies



### Jobs & economy

Forming a part of the Greater Munich Area, Ingolstadt is characterised by a dynamical and constantly flourishing economy. The rate of unemployment is very low. And the peak of economic growth has not been reached yet – so there is still a great demand for highly skilled manpower with international experience. The AUDI headquarters is just one example for excellent job opportunities that are provided in our region.



### Culture & traditions

The city offers an ideal combination of history, tradition and modern urban flair. Many events and festivities allow visitors to experience typical Bavarian traditions like “the Festbieranstich” and get an idea of the Bavarian “Gemütlichkeit” – the well-known Bavarian charme and sociability. A lively nightlife with many parties and events awaits you in Ingolstadt as well as a theatre, many unique museums, exhibitions and numerous cinemas.



Photo: fotolia

### Sports & leisure time

Last but not least the beautiful surroundings of Ingolstadt provide countless leisure activities for sports enthusiasts. Explore the beauty of Bavaria by water, by bike or on a hiking tour!



Photo: fotolia

*Don't you just want to jump in?*

# Programmes for You



## Master's degree

3<sup>rd</sup> semester  
Master's thesis

2<sup>nd</sup> semester  
Specialisation

1<sup>st</sup> semester  
Academic study



## Bachelor's degree

7<sup>th</sup> semester  
Bachelor thesis

6<sup>th</sup> semester  
Academic study

5<sup>th</sup> semester  
Internship

4<sup>th</sup> semester  
Academic study

3<sup>rd</sup> semester  
Academic study

2<sup>nd</sup> semester  
Academic study

1<sup>st</sup> semester  
Academic study

THI offers a wide range of bachelor's and master's Programmes. Some are completely taught in English focussing on international students, others include single English modules.

# Programmes at a Glance



## Bachelor's Study Programmes

Usually start in winter term

### Electrical Engineering and Computer Science

Electrical Engineering and E-Mobility

Electrical Engineering and Information Technology

Aviation and Vehicle IT

Computer Science

Mechatronics

User Experience Design (starting winter 2014)

### Mechanical Engineering

Automotive Engineering

Aerospace Engineering

Mechanical Engineering

Mechanical Engineering and Vocational Training

Renewable Energy Technologies

Engineering and Business

### THI Business School

Business Administration

International Retail Management – German

International Retail Management – English

International Management

Business Information Systems

Degree Language

B. Eng. German

B. Eng. German\*

B. Sc. German

B. Sc. German\*

B. Eng. German

B. Sc. German

B. Eng. German

B. Eng. German

B. Eng. German\*

B. Eng. German

B. Eng. German\*

B. Eng. German\*

B. A. German\*

B. A. German

B. A. English

B. A. German\*

B. Sc. German

### Electrical Engineering and Computer Science

Applied Research in Engineering Sciences

Electrical Engineering

Electrical Engineering in Mobile Systems

Computer Science

International Automotive Engineering

### Mechanical Engineering

Automotive Production Engineering

Engineering Procurement

Technical Development

### THI Business School

Financial Management and Controlling

Marketing/Sales/Media

Tax and Accounting

M. Sc. German

M. Sc. German

M. Sc. German

M. Sc. German

M. Eng. English

M. Eng. English

M. Eng. German

M. Eng. German

M. A. German

M. A. German

M. A. German

#### Degrees:

- B. A. Bachelor of Arts
- B. Eng. Bachelor of Engineering
- B. Sc. Bachelor of Science
- M. A. Master of Arts
- M. Eng. Master of Engineering
- M. Sc. Master of Science

\* parts in English



## Master's Study Programmes

Usually start both in winter and summer term



## For Those, Who Want to Come for One Term – or Two

THI offers a wide range of classes taught in English. Exchange students can choose from more than 45 classes in business and technical sciences. THI is working on continuously expanding this range. Below, a selection of classes taught in English:

### Business School

- Business in Latin America
- Business Planning
- Consumer Behaviour and Selling Techniques
- Corporate Responsibility
- Human Resource Management and CSR
- Intercultural Business Communication
- International Brand Management
- International Business Diplomacy and Crosscultural Management
- International Finance Management
- International Marketing
- Managing Intercultural Teams and Issues
- Marketing
- Operative Management and Organization
- Principles of Economics
- Principles of Retail Management
- Responsible and Sustainable Leadership
- Strategic Management
- Technology Management

### Technical Departments

- Aerodynamics, Design, Branding Strategies
- Application of Engine Control Units
- Automation Technology
- Automotive Control Engineering
- Automotive Electronics
- Automotive Mechanics
- Automotive Networks
- Automotive Telematics
- Car Body Construction
- Developing Sales Business Globally
- Development and Design and CAD
- Industrial Engineering
- Internal Combustion Engines
- Mathematical Modelling and Simulation
- Noise and Vibration
- Power Supply and Energy Distribution
- Product Development Methods
- Virtual Plant Layout



### German language courses

THI offers an intensive course (enrolment fee) before the start of the winter semester in co-operation with different language schools.

### Orientation week

THI holds a compulsory orientation week for exchange students. During this week, you will receive comprehensive support in all organisational tasks, can familiarise yourself with service facilities at the university and will be informed about cultural differences in the university system.



### Do you speak German?

Then you can choose courses in German as well. The International Office will assist you in putting together your individual timetable.

For details, please check:





## Our Third Gear: International Dual Study Programmes

Are you planning to study abroad?

Are you looking for an excellent

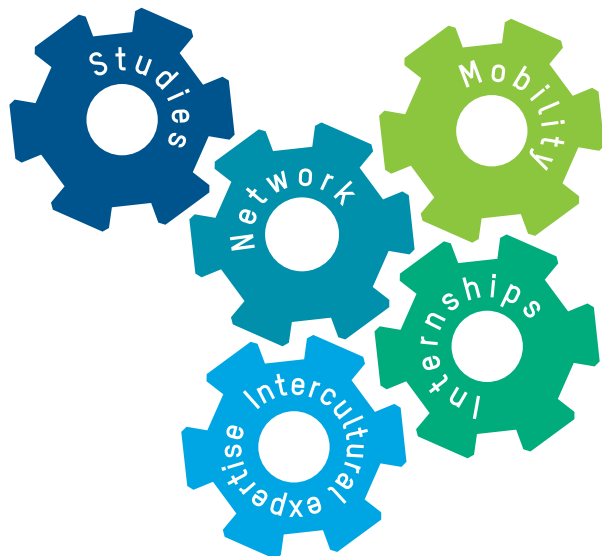
academic education with a strong

focus on practical application to

improve your career prospects?

Why not opt for a dual study programme at THI? Our dual study model is the optimum twofold combination of theory and practice, combining academic studies at THI with practical training components at one of our prestigious partner companies. We currently offer international dual bachelor's programmes with EADS/CASSIDIAN in Aerospace Engineering and SIEMENS in Business Administration and Business Information Systems. THI is working on continuously expanding the number of partner companies for international dual studies programmes. In total, THI has a large network of more than 70 partner companies in dual study programmes. All our bachelor's and master's programmes qualify for the dual model. Courses taught in English offer excellent opportunities for international students.

### Benefits for our dual students



#### Studies

- Benefit from an excellent academic qualification at bachelor's and master's level
- Experience the THI's strong orientation towards practical application
- THI's focus on aviation and automotive

#### Internship

- Gain professional experience at global companies
- Use dual studies at the THI as a stepping stone into the working world
- Receive a monthly remuneration in accordance with the company

#### Intercultural expertise

- Obtain intercultural expertise in one of the world's leading economies known for innovation, quality and cutting-edge technology
- Improve your German and intercultural skills for a career in one of Germany's prestigious global companies

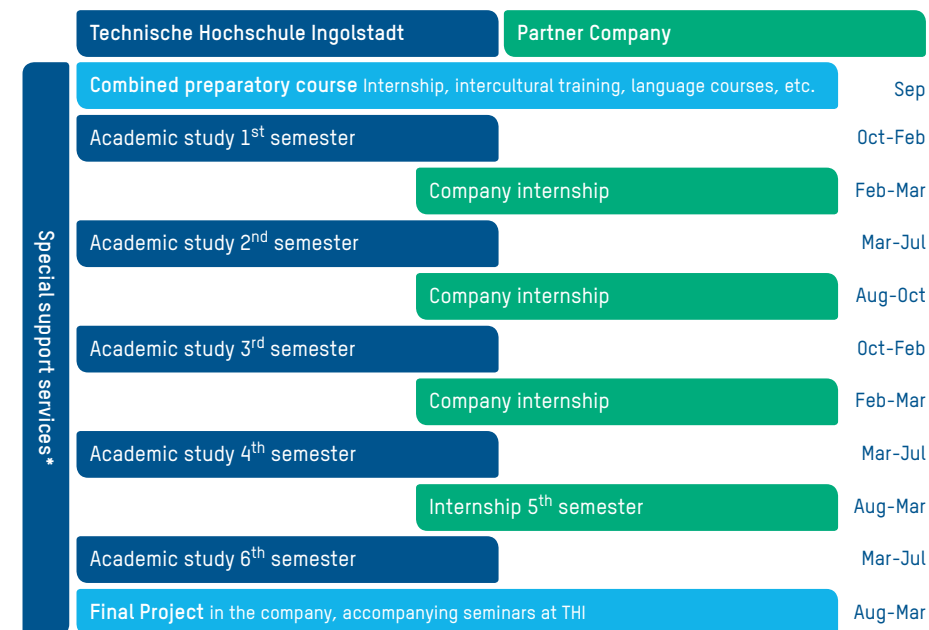
#### Mobility

- Demonstrate mobility for an international career

#### Network

- Establish a worldwide network in a global company
- Benefit from the international orientation at THI

## International Dual Bachelor's Programmes



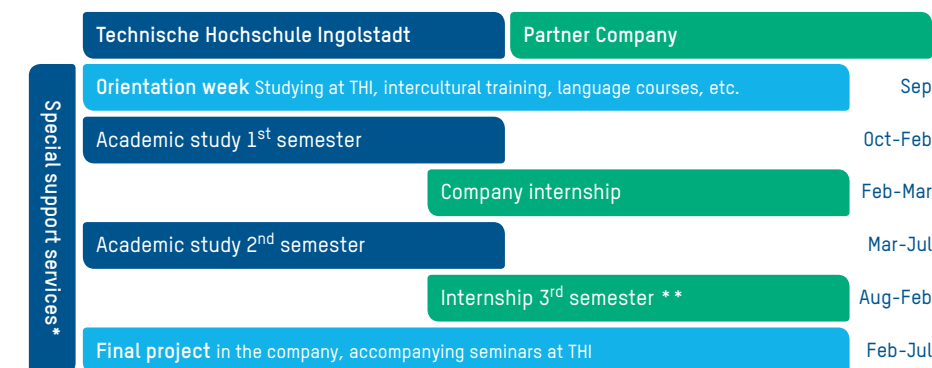
\* Guidance, language courses, intercultural training, field trips, international regular's table, events, mentoring

### Prerequisites

1) Application at a company  
THI offers support in finding a company for dual programmes. Please start looking for a company well in advance.

2) Application at THI  
during application period

## International Dual Master's Programmes



\* Finding a company for internship periods, guidance, language courses, intercultural training, field trips, international regulars' table, events, mentoring; \*\* Accompanying language courses

For details, please check:



# High Speed Programme: THI International Summer School



THI Summer School for undergraduate or graduate students of engineering, science and management is a two week experience in the automotive heart of Bavaria.

It provides an outstanding opportunity to learn about German premium automotive manufacturing and vending, to cumulate experiences abroad, to attend lectures, to earn additional credit points, to find new friends and to have fun.

Services, Excursions and Get Together	Lectures
German Language and Culture	Biomimetics in Automotive Technologies
THI Electric Racing Team	Automotive Lightweight Design
Audi Production Tour	Resources Efficiency in Automotive
BMW Museum	Fuses for Batteries for Electric Vehicles
Audi Museum Mobile	Sensor Technologies for Vehicle Safety
Bavarian Brewery Tour	Hybrid Electric Vehicles
Study Trip EADS / CASSIDIAN	New Trends in Automotive Mobility
One Day Munich	M&A in Automotive Industry
Campus BBQ	New Trends in Automotive Retailing

For details, please check:



# Collaborative Doctorates

Outstanding students can continue their academic career at THI.

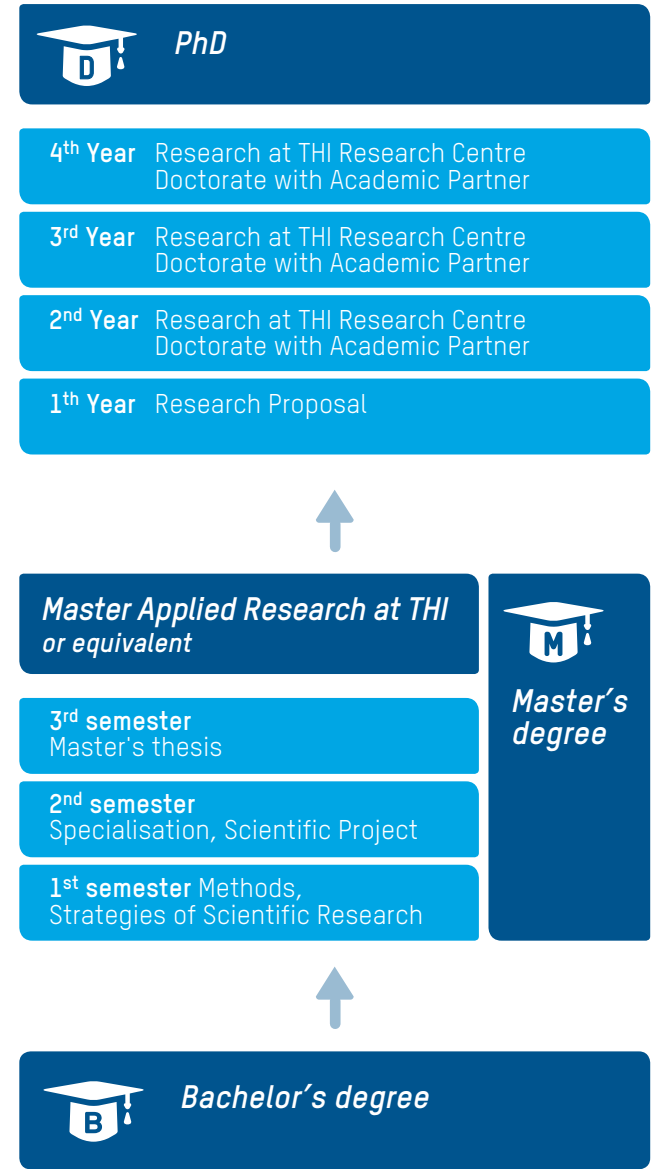
About 40 PhD candidates currently work as research assistants at the Research Center on interesting projects with industry partners and do their PhD in cooperation with a university in Germany or abroad.

They are integrated into research teams at THI and have supervisors both at THI and at the cooperating university. At present a graduate school is being built up in order to support PhD candidates and research staff.

THI Research Centre focuses on the following competence fields:

- Automotive Mechatronics and Vehicle Safety
- Innovative Mobility and Sustainable Drive Technologies
- Renewable Energies

For details, please check:





# More than Learning: Have Fun!



## University Sports

Be it aerobics, lacrosse or tai chi, the THI sports course programme covers every taste. For those keen on classic team sports, there is a choice of football, handball and basketball, among others, tennis, fencing or swimming are also on offer. For martial arts' enthusiasts we offer Judo and Taekwondo.

## Schanzer Racing Electric

How about a few laps on the Hockenheim race track? Those who dream of racing should become members of Schanzer Racing Electric, a student organisation which participates in the „Formula Student Electric“ international racing series.



## Students' Life e.V.

The members of this group organise different events for their fellow students from pub crawls, to skiing trips, to poker tournaments – life in Ingolstadt becomes just that little bit more colourful.



## UNICEF University Group Ingolstadt

Volunter work is in demand at THI. Founded in 2010, the group organised a football tournament, a Santa activity and last year a beach party – all for a good cause.



## Convinced? - Three Steps to THI

THI is close to you. It only takes three steps to get to THI:

### 1. Student Support

#### Career Service & Student Counselling and International Office (CSS/IO)

The CSS/IO are the central contact points for all prospective and current students of THI. We advise prospective students on the courses and qualifications on offer, meet them at recruitment fairs at home and abroad, and welcome them to THI. Even during their studies, we are here to support students with their challenges and problems. Do you have questions about the dual degree programme? We can also support your decision to study here with the help of our corporate partners, information sessions and personal counselling.

For THI students, the Career Service offers career-oriented advice on internships and job entry. At our annual CONTACT careers and job fair, our students get in touch with renowned companies and can discuss career entry opportunities.

The International Office is the central contact point for international exchange students and it organises a series of events in order to provide our international students with an ideal intercultural experience. At the same time, the International Office supports all THI students who study for one or more semesters abroad or wish to complete an internship there.

#### Service Centre Student Affairs (SCS)

The SCS is the contact point for prospective students and applicants dealing with any formal matters around studying. At the SCS, you will find a contact person to discuss issues ranging from application to enrolment, from examinations and recognition of internships, to questions about financing your studies. At the SCS, your application is processed, your student identity card prepared, your examination results are managed and, finally, the certificate issued.

### 2. Application

#### Lectures

The academic calendar at THI is as follows:

- winter term: October 1 - February 15
- summer term: March 15 - July 31

#### Exchange programmes

Exchange students must be officially nominated by their home institution.

- application winter term by June 15
- application summer term by January 15.

For further information, please contact the International Office.

#### Degree seeking students

You can apply online to THI. Please note that the application is only complete, once a printed and signed version of the application, along with all the necessary documentation, has been sent by post and received by THI. Please allow enough time for your country of residence's postal service to Germany.

#### Bachelor

International applicants for a bachelor degree in German must be able to prove adequate knowledge of the German language in addition to a recognised university entrance qualification. For details please check:



#### Master

Master's degree programmes have particular access requirements and application procedures. For details check:



#### After the application

If your entire documents arrive on time, we will start assessing your application. You can check the current status online.

#### International Summer School

Entry requirements

- registered at an international academic institution other than THI
- basic knowledge of engineering and/or management
- good level of English
- letter of motivation (350 words)

You can apply online by using the application form on





## 3. What You Need to Look into

### Visa

For citizens of EU countries, EEA countries (Iceland, Liechtenstein, Norway), and Switzerland, a valid passport/ID suffices for travelling to Germany. Students from all other countries must apply for a visa at the respective German authority (embassy/consulate) in their home country before travelling to Germany. Please ensure that the visa is issued for the relevant purpose of the stay. A tourist visa is generally NOT sufficient. The visa cannot be changed after entry to Germany.

Visas are issued for a maximum of three months. For the period thereafter, you are required to apply for a residence permit at the Aliens Department.

### Finance

#### Fees at THI

There are no tuition fees at THI. All students have to pay a student welfare contribution of currently 42 Euros. This contribution is used to finance the student union's service and has to be paid by all students, irrespective of whether or not they choose to use student union facilities and services.

#### Living Expenses

The following overview gives you a rough idea on monthly expenses in Ingolstadt.

Rent (incl. additional charges)	280-400 EUR
Food	200-250 EUR
Lunch at the cafeteria	An average of 3,00-4,00 EUR per meal
Ingolstadt bus ticket	40-100 EUR depending on how far the residence is from the centre of Ingolstadt
Telephone, internet, broadcasting fee	45 EUR
Work and study materials	30 EUR
Health insurance	80 EUR

### Scholarships and Study Grants

Scholarships are usually awarded on the basis of academic performance. Depending on the scholarship, the applicant's financial situation only plays a minor role in the decision.

Some scholarships are awarded for the whole period of study, others only cover a period of one or two semesters. If you wish to apply for a scholarship before coming to Germany, please contact the German Embassy or German Consulate in your home country well in advance.

#### Scholarships for International Students

The International Office awards a small number of scholarships every year to degree-seeking students already enrolled at THI. There are no fixed application deadlines. Students will be automatically informed about the application procedure by the International Office.

#### Scholarships for all Students of THI

All degree-seeking students from THI, including international students, are eligible for the Deutschlandstipendium and the Oskar-Karl-Foster-Stipendium. Please consult studienfinanzierung@thi.de for further information.

#### ERASMUS

Students of the ERASMUS programmes receive scholarships through their own university. Your ERASMUS programme co-ordinator can provide further details on this.

#### DAAD

In addition, the German Academic Exchange Service (DAAD) supports international students during a period of study in Germany. Please consult www.daad.de for more details.

### Finding Accommodation

Students are responsible for finding their own accommodation. We recommend you start looking for an apartment as soon as possible.

Whilst rooms in German halls of residence are usually furnished, this is not the case in private accommodation. If you are planning to move into a shared apartment, you should factor in costs for furniture.

Halls of residence for students are usually particularly good value, furnished, centrally located and offer the advantage that you soon get to know other students. In order to get a room, you need to apply directly to the porter of the respective residence.

For exchange students from THI's partner universities, the International Office has a special small quota in private and public halls of residence, reserved for international exchange students only (information on application procedure from the THI's international co-ordinator).

Another cheap alternative is to set up a shared apartment or to rent a studio apartment.

Anybody not having found permanent accommodation before the semester starts can stay at the Ingolstadt youth hostel. Here, an overnight stay with breakfast costs around 25 Euros.

### Health Insurance

All students in Germany should have adequate health insurance coverage (statutory or private). This insurance must include the following services: Medical and dental treatment, treatment with medication, hospital treatment, medical services for rehabilitation and services for pregnancy and birth. Travel health insurance is not adequate. For further information on the different requirements, please carefully read the information provided on our webpage:



## Who is Who?

### Your Contacts

What?	Who?	Contact Details
General Student Counselling & Guidance	Sabine Dörr	generalcounselling@thi.de
International Dual Studies	Luisa Berger	dual@thi.de
International Office/ Exchange Students	Christine Ellis	international_office@thi.de
Application, Enrolment, Student Financing	Service Centre Student Affairs	studentaffairs@thi.de

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