





REASONS TO CHOOSE US 30% INTERNATIONAL STUDENTS

87%

OF ALL GRADUATES FIND A JOB WITHIN 2 MONTHS OF GRADUATION.

13 LOCATIONS

2 TEACHING CAMPUSES IN DEGGENDORF & PFARRKIRCHEN.



10 TECHNOLOGY CAMPUSES. 1 HEALTHCARE CAMPUS.

195 PARTNER UNIS



WORLDWIDE NETWORK.

ALMOST 8.000 STUDENTS





TOP LOCATION

Within Germany, Bavaria is ranked as the top location for history, culture and education. The unemployement rate is exceptionally low as countless companies are based around the region even in rural areas, including many international companies, such as BMW, Einhell, Sky, Lindner and Continental.

87% of our students successfully find employment immediately after graduation, meaning it's an excellent place to study and start a career!

TECHNOLOGY CENTRES

Technology campuses are a unique concept of our university.

In these campuses, which are dotted locally around the region, staff and students undertake research projects in collaberation with regional and international businesses for direct implementation into their products, systems or production lines.

ABOUT THE UNIVERSITY

Academic excellence

We strive for academic excellence and indeed rank among the best universities of applied sciences in Germany. Founded in 1994, we are a modern, multi-award-winning and excellently equipped university offering professionally relevant undergraduate and postgraduate degree courses set in a relaxed and safe environment.

We support our students with many facilities, such as a range of student clubs, an extensive sports programme, and a competent and always helpful International Office, Career Service and Child Care Centre.

The choices

Our student population of almost 8000, including approx. 30% international students, study a range of degree courses taught in English or German.

DIT is committed to producing global graduates with international degrees: 195 partner universities around the world provide students with many opportunities to gain experience and earn credits towards their degree through foreign exchange semesters, internships and double-degree studies abroad. In fact, all undergraduate degrees include a compulsory internship semester which can be undertaken either locally or abroad.



Teaching campuses

Students are distributed throughout eight faculties on two campuses. The main campus in Deggendorf has a large range of degree programmes instructed in either English or German. In the European Campus Rottal-Inn, all students are taught exclusively in English (with international students attending German lessons). These two teaching campuses are one hours drive apart and both are in Bavaria, Southern Germanu.

DIT follows the "National Code of Conduct for German Universities Regarding International Students." The guiding principle of this code is to grant international students the same rights, service and assistance as are available to EU students.

Rankings

WURI (Worlds Universities with Real Impact) ranking 2019:

- No. 8 worldwide in the category "Entrepreneurial Spirit"
- No. 26 worldwide in the category "Student Mobility and Openness"
- No. 43 worldwide in the overall competition of the most innovative universities

U-Multirank awards 2019:

- Top 25 worldwide in the category "Contact to work Environment"
- Top 25 universities worldwide in the category "International Orientation of Degree Programmes"

Find out more at www.th-deg.de/why-study-at-dit





GETTING AROUND

The Deggendorf campus is within easy walking distance of town centre, student accommodation and all local amenities. All areas are well lit and safe at all times of day and night.

Additionally, Deggendorf has excellent public transport links. Bus, coach and train services take passengers to all parts of mainland Europe. Munich international airport only one hour away, making travelling quick, efficient and enjoyable.

FANTASTIC FACILITIES

- International Office
- Bavarian/Malaysian Centre
- Language Centre
- Students clubs
- AKI, a club for international students
- · Tutor support programme
- E-learning centre

- Careers Service
- Student advice centre
- 24hr library and copy shop
- Campus cafes and canteen
- Sports programme
- "Little Ducks" childcare centre
- Alumni network

LOCATION AND LIFESTYLE



Deggendorf - a great place to live and studu

Our main campus in Deggendorf was originally built over 20 years ago and has recently undergone a vast extension. It is based around a modern, central courtyard with water features complete with a hovering deck, where staff and students enjoy the relaxed atmosphere whilst having lunch, socialising, revising or just hanging-out. A range of events are held in the campus courtyard every year, the largest events being our popular campus fest and summer open-air music festival.

Most importantly, all faculties, workshops and and service centres for our students are based in, on and around our campus, creating an open, friendly and communicative environment among staff, students and teaching staff. All faculties and service centres naturally have wheelchair access.

The beautiful town of Deggendorf has a population of 40,000 and is located on the banks of the River Danube. It's a charming location at

the foot of the Bavarian mountains, just north of Munich and close to the Austrian border and the Alps.

Our students enjoy vibrant social lives as Deggendorf has plenty to offer! The town has a great variety of restaurants, cafes and pubs, plus many cultural festivals and events.

It has an excellent network of bike trails, leisure cruise ships on the river Danube and a surrounding hilly landscape that provides a stunning natural backdrop to enjoy the countless recreational activities on offer.

Local leisure facilities include

- A modern rowing club on the River Danube just 50 yards from campus
- Skiing slopes 20 minutes away
- Mountain biking, hiking and paved inline skating trails are all around
- A fantastic indoor and outdoor recreational swimming oasis
- An indoor ice rink for ice skating and ice hockey
- Rock climbing and paragliding centres nearby
- The famous FC Bayern Munich football stadium is just one hours drive away
- Plus, all students can join university clubs that offer a range of sports and social activities.
- a range of sports and social activities.

Learn more about the campus:

www.th-deg.de/en/students/campus-life



www.dit.edu



GETTING AROUND

The European Campus Rottal-Inn is situated within easy walking and biking distance to Pfarrkirchen town centre and all local amenities.

Newly built appartments suitable for student accommodation are very nearby.

Pfarrkirchen has public transport links, including a train station and bus services. Munich international airport is 90 mins away, making travelling efficient and enjoyable.

FANTASTIC FACILITIES

- International Office
- Language Centre
- Students clubs
- Tutor support programme
- E-learning centre
- Careers Service

- Student advice centre
- Library
- Copy shop
- Campus canteen
- Sports programme
- Alumni network

LOCATION AND LIFESTYLE



Pfarrkirchen – charming and picturesque

The European Campus Rottal-Inn is nestled in the town of Pfarr-kirchen among rolling, picturesque hills between the Danube and Inn rivers, close to Austrian and Czech borders and near to the large, cosmopolitan cities of Munich and Salzburg.

Pfarrkirchen has become culturally renowned in the area due to its exceptional art exhibitions, museum nights, festivals and events throughout the year. In summer, the old town festival tempts thousands of visitors with its multicultural culinary and musical events. All year round, students enjoy the relaxed Bavarian atmosphere in local cafés, restaurants and markets in the traditional town square.

The surrounding beautiful Rott Valley has a huge range of appealing leisure activities, being well-known for its spas, golf courses, equestrian sports and extensive bike network.

Local leisure facilities include:

- Open air heated swimming pool with water slides and a wild watercourse
- A long distance riverside cycle path
- A large swimming lake with rowing boat hire
- Lakeside cross-country skiing tracks in winter
- Europe's largest continuous golf resort nearby
- Health spas and thermal springs
- Local nordic walking routes
- Local airfield for gliders and small aircraft
- Typical Bavarian Christmas market with live music, culinary specialities and homemade crafts
- Annual carnival and town festival

Plus, all students can join university clubs that offer a range of sports and social activities.

Learn more about the European campus:

www.th-deg.de/ecri-en







ACCOMMODATION AND SUPPORT

Student accommodation - comfy & convenient

In Deggendorf, the majority of international students live in the ten student student parks, which are all within easy walking distance of campus and all other amenities in town.

These student parks which are attractive low level apartment blocks consisting of compact, modern and newlu built furnished and self-contained flats mainly for single occupation, although other options are available. Most dorms have a communal lounge, laundry room, wifi, parking spaces and a bike lock-up.

In Pfarrkirchen, suitable student accommodation has rescently been built very near to the town centre and appartments are now available for rent.

Find out more: www.th-deg.de/en/study-with-us/accommodation

FINDING ACCOMMODATION

All residential students are expected to pay a returnable deposit for their furnished appartment. This is a singular payment of approx. 450 Euros, made payable to the landlord, either prior to, or arriving in Deggendorf.

Additionally, rent must be paid monthly in advance. See p51 for rental fees.

The International Office can help you with your accommodation inquiries:

welcome@th-deg.de

INTERNATIONAL OFFICE AND CAREER SERVICE SUPPORT

With a student population of 20% international students, we are a cosmopolitan university. Our dedicated team in the International Office will help and support you with all academic, cultural. financial or organisational matters. Our 190 partner universities in over 60 countries around the globe mean that you have a great choice if you wish to participate in a study semester abroad, when you can earn credits towards your degree here at DIT. We host information events to help you plan either study or an internship abroad.

Learn more: www.th-deg.de/int-students

The Career Service won a national award of excellence for recognition of the work undertaken to help graduates transfer smoothly from their academic to their professional careers. This work involves organising seminars and workshops related to professional soft skills or writing a CV for example, a buddy programme for freshers, an annual job fair, company mentorship, scholarship programmes and a university database advertising available jobs for students and graduates.

Learn more: www.th-deg.de/en/students/career

ORIENTATION WEEK

On arrival, international freshers and exchange students take part in an introductory orientation week. In addition to many organised social events, detailed course information and practical support with all neccessary formalities is given: i.e. registering at the town hall, getting health insurance and opening a local bank account

Find out more:

www.th-deg.de/en/study-with-us/ international-students/practical-information#ow

INTERNATIONAL **EVENTS**

- Bavarian intercultural training
- "Presenting my Country"
- Trips to the Octoberfest, Alps, etc
- International campus food fair
- Intercultural social events
- Campus cinema evenings
- Summer festival on campus
- Events for study or work abroad

Find out more: www.th-deg.de/en/ students/campus-life/annual-events



LANGUAGE SUPPORT

German lessons for beginners:

International students with no knowledge of the German language, have the chance to learn German in intensive classes, both before and during the semester. These courses are structured around participants abilities. We also offer a tandem course, where a German and an international student learn each other's native language.

Kia ora, kei te pēhea koe?

German lessons for intermediates:

"Let's get Started" is a preparational semester for international applicants, who have a university entrance qualification but an insufficient level of German for admission to a German taught degree programme. It is structured to prepare these applicants for studying in German (see p50–51 for a list of courses in German), and they must have a min. GER level of B1 to enroll. Participants take the required TestDaF admission exam in our campus examination centre in July, in preparation for the semester start in October.

Learn more: www.th-deg.de/en/studu-with-us/prep-courses



WIDEN YOUR RANGE?

Additionally, we offer various non-German language courses from beginner level A1 upwards, e.g. Chinese, French, Italian, Portugese, Russian, Spanish and also advanced Business and Technical English.

Find out more: www.th-deg.de/en/ students/language-electives



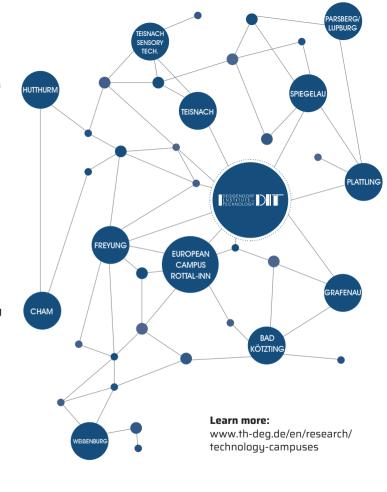
RESEARCH SUPPORT

Applied research and an active knowledge and technology transfer are essential for modern, rapid, scientific and technological progress. Therefore, our two teaching campuses are supported by a network of ten technology campuses and one health campus, each specializing in a particular area of science. They are all dotted around the region of Eastern Bavaria relatively close to the main campus in Deggendorf.

These campuses are an integral part of our university, where students can undertake applied research work in their topic of choice.

- Health campus Bad Kötzting health promotion, prevention of illness or injury
- Technology campus Cham mechatronic systems, automation
- Technology campus Freyung computer science, bionics
- Technolgy campus Grafenau supply chain management, data analytics
- Technolgy campus Hutthurm simulation
- Technology campus Parsberg/Lupburg digital production

- Technology campus Plattling modern mobility
- Technology application centre Spiegelau glass technology
- Technology campus
 Teisnach, sensory technology
 sensory technology I 4.0
- Technology campus Teisnach production and measurement technology, high frequency technology
- Technology and study centre Weißenburg operational stability, development of materials





www.dit.edu



EXCHANGE PROGRAMMES

"Complete one of your semesters and earn credits whilst widening your horizons and experiencing an exciting adventure here in the heart of Bavaria"



ORIENTATION WEEK

The Orientation Week with intensive German prep course is an essential and fun 10-day welcome week for incoming international students. It's held immediatelyprior to the start of each semester. Participation is compulsory for all exchange students.

More details:

www.th-deg.de/en/study-with-us/international-students/ practical-information#ow

SUBJECT SELECTION

A full list of Business and Engineering subjects available for selection can be viewed on our website. Please view the website and look at the "course overview" link.

Find out more:

www.th-deg.de/en/study-with-us/ exchange-students#course-choices

EXCHANGE PROGRAMMES

As a business or engineering student, you can complete one of your semesters and earn a max. of 30 credits whilst widening your horizons and experiencing an exciting study semester here in Bavaria.

We have two different types of short exchange programmes for bachelor students:

- · General Engineering
- General Business

And one short exchange programme for master students:

Strategic and International Management

Prerequisites

To be eligible participants, students must have completed at least two semesters (or one year) of a relevant bachelor degree such as Engineering, Business, Management or Economics in their home university.

As lectures are completely taught in English, a good to excellent knowledge of the English language (level B1-C1 according to the CEFR – Common European Framework of Reference for Languages) is required.

No prior knowledge of the German language is required.

Language focus

Students without any knowledge in German have the opportunity to participate in an intensive language course during the orientation week to learn a basic German. Students at an intermediate level have the chance to improve their German to a more proficient level (B2-C1) and earn a TestDaF certificate through participating in "Let's Get Started" pre-semester language course.

More details:

www.th-deg.de/en/students/language-electives

Gain intercultural skills & experience

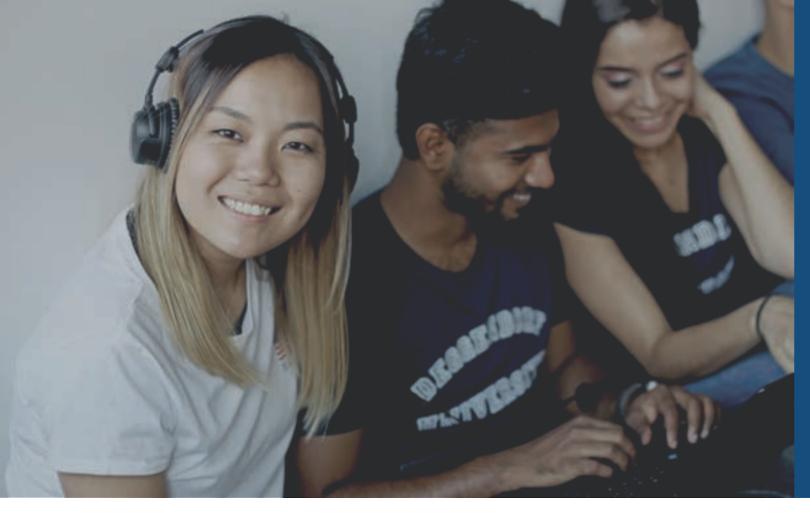
Apart from being an adventure, this exchange programme offers students valuable experiences on both personal and educational; they receive a top education whilst learning how to adapt and socialise in a foreign culture.

Optionally, after completing their exchange semester, our university career service supports ERASMUS students to find internships in either regional or international companies, to maximise the benefit of their international exchange experience.

Duration 5-11 months (equivalent to 1-2 semesters)

ees No tuition fees





BACHELOR DEGREES

"All our bachelor degrees have integrated internships that are designed to develop a global sophistication in our students, so as graduates they have the practical experience and language skills to feel at ease in every professional environment."



Become a computer specialist for the health sector -

This course provides students with the knowledge and skills to design information systems for the healthcare sector to develop, configure, operate, and comply with the applicable rules and regulations.

This extensive technical knowledge enables graduates to competently take on challenges and assume leadership roles in healthcare facilities, institutions and organizations in complex, intercultural environments.

Language focus

In a world of ever-increasing multicultural globalisation, great importance is placed on the development of students' language skills. The course language is English. All students start with a minimum English level of B2 and continual English lessons are given throughout the foundation semesters to develop students' proficiency up to Level C1 within the first two semesters.

Programme structure

The course has a standard period of study of 7 semesters, with 6 theory-based semesters and one practical semester. Students should complete one practical semester in a work placement, in addition to studying one semester at a foreign university.

Both should be completed in either the fifth or sixth semester. Students specialize and orientate toward a specific professional field in the last two semesters when a field of competence is chosen. Comprehensive technical basic knowledge from the field of healthcare informatics: Medicine for non-Physicians, Terminology and

em. + 2 Medicine for non-Physicians, Terminology and Classification, Algorithms and Data Structures, Physics, Biology and Chemistry, Social Security Law, Liability Law, Foreign Language, Mathematics, Statistics General Business Administration and Accounting, Software-Engineering, Database Design

5em. 3 + 4 Medical Documentation, Telematics, Medical Technology, Medical- and Nursing Documentation Systems, Content Management and Document-Engineering, Human Factors, Innovation and Complexity Management, Data Protection and Data Security in Health Economy, Medical Technology, IT-Services in the Health Economy, Health Economics

Sem.

Internship (18 weeks)
Block seminar accompany the internship I and II

5em.

Social Processes and Communication, Knowledge Management, IT-Project Management, Case Study IT-Project, Hospital Logistics, Logistics for Medical Technology and Medical Devices, Computers Unported Collaborative Work Grounware

BusinessGame: Medical Information Systems

Bachelor thesis

Duration 7 semesters or 3.5 years

Fees No tuition fe

Location European Campus Rottal-Inn, Pfarrkirchen, Bavaria, Germany

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www.th-deg.de/hi-b-en 21



Become an expert in an increasingly important sector -

In light of diminishing resources and the need to limit the effects of energy consumption on climate change, one of the greatest challenges of the 21st centuru is the decarbonisation of industrial societies.

Intelligent service and maintenance inproduction and energy generation facilities help enormously to increase efficiency and thus save energy resources. This degree will arm graduates with the expertise to work in this exciting area.

Language focus

In the context of increasing economic globalization, the ability to work efficiently in multicultural environments equipped with the appropiate language and intercultural skills is particularly important. The language of instruction for this degree is English and students also attend compulsory German lessons.

If English isn't the native language, then proficiency must be proved: www.th-deg.de/en/apply

Programme structure

Initially, students will learn the fundaments of Natural Sciences, Maths, Economics, Chemistry, Physics and Biology as well as language skills including Technical and Business English. In the third semester, students select a major in the technical or in the management area. The sixth semester is designated as the practical semester which lasts for at least 20 weeks; it includes an internship as well as supplementary courses of instruction.

The course is structured around gaining relevant practical experience and in-depth subject knowledge particually in the areas of sustainability, renewable energies, process and operation technology, IT in plant and equipment engineering (Industry/Energy 4.0), investment and financing, business and operational processes, logistics and maintenance, repair and operation strategies.

Fundaments of Business Administration. Marketing, Law, Mathematics, Natural Sciences, English (business and technical English) and the Structure of Scientific Work

Selection of a major

Engineering or Management

Fixed courses for both: Intercultural Competence, second foreign language, Fundamentals of Electrical Engineering, Renewable Energies, Logistics, Plant and Equipment Engineering

3. 4. 5

- Qualitu Management
- Leadershipand Labour Law
- IT in Plant and Equipment Engineering
- Geographic Information Systems
- Energy Markets and Economic Geography

20 week internship

Bachelor thesis

Duration 7 semesters or 3.5 years

Location European Campus Rottal-Inn, Pfarrkirchen, Bavaria, Germany



A curriculum for global citizens -

If you are seeking a business degree that integrates high academic standards with international experience, then we have the right programme for you.

We develop multicultural, multilingual managers, who can work on projects as individuals or as part of international teams.

Our fully-accredited International Management degree programme satisfies the demands of ambitious students who want to guickly enter and succeed in the global market. We mix international training and knowledge with practical experience in a supportive, international atmosphere.

Language focus

As the course language is English, a good to excellent knowledge of the English language (level B1-C1 according to the CEFR - Common European Framework of Reference for Languages) is a prerequisite. Students attend Business German classes for three semesters plus additional languages if desired.

Year abroad

You get the opportunity to develop your intercultural competence and gain valuable practical international experience. You will also study at your choice of 138 foreign partner universities for one semester and work for one semester as a (paid) student intern in Germany or in another country.

Double degree

Students can achieve a second bachelor degree from another university outside Germany. See the website for current options.

Emphasis is placed on intercultural teamwork. organisation, foreign language and presentational skills. Fundamental methods and decision making concepts of business are introduced in the business foundation subjects e.g. accounting.

Sem

Students are introduced to the international aspects of accounting, economics, business law and marketing.

Participants work as interns abroad for one semester and then study management at a foreign (partner) university. In addition to European universities, DIT has partner programmes with universities around the globe including Australia, Hong Kong and South America.

After returning, students take courses in international management and write a bachelor thesis. The courses and thesis provide opportunities to integrate theory with the practical lessons learned within and outside the classroom.

Duration 7 semesters or 3.5 years, incl. 2 semesters abroad

No tuition fees

Location Deggendorf Institute of Technology, Deggendorf, Bavaria, Germany

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www.th-deg.de/im-b-en **25**



Enjoy a vast range of career opportunities -

As the European population is continuously aging and healthcare within the family is on the decline, there's a growing demand for all services and infrastructures throughout the health and medical tourism industries.

In 2020, there will be an estimated three million people in need of regular health and medical care in Germany alone. This bachelor degree is designed with a major in health and medical tourism to supply the ever increasing market demand.

Language focus

In a world of ever-increasing multicultural globalisation, great importance is placed on the development of students' language skills. The course language is English and/or German for the first two semesters, concentrating on English in the mature semesters. All students start with a minimum English level of B2. Continual English lessons are given throughout the foundation semesters to develop students' proficiency up to Level C1 within the first two semesters.

Programme structure

This degree course is seven semesters in duration, with six being theoretical, based on a modular structure as described below. The fifth semester is reserved for an 18-week internship semester, where students acquire and improve their social and international skills, enabling them to later manage the complex, cross-cultural environment of the tourism industry. The seventh semester is then reserved for the final bachelor thesis.

DIT is an affiliate member of the United Nations World Tourism Organization.

Foreign Language I and II, Personal & Scientific Development, Applied Statistics & Data Analysis, Fundamentals of Business Administration. Economy & Society, Fundamentals of Tourism Management, Compulsory Elective Subjects ofa General Academic Nature. Accounting & Controlling, Marketing Principles, Quantitative & Qualitative Research, Medical Basics for Health Tourism Professionals, Legal Aspects of Tourism

cess & QualityManagement, Digital & Services Marketing, Strategic Management & Leadership, Hospitality Management, Project Management, Intercultural Management, Innovation, Product Development & Service Design, Tourism Geography & Tourism Planning, Medical Wellness & Spa Management, HealthCare Management &

Internship (18 weeks) Block seminar accompany the internship I and II

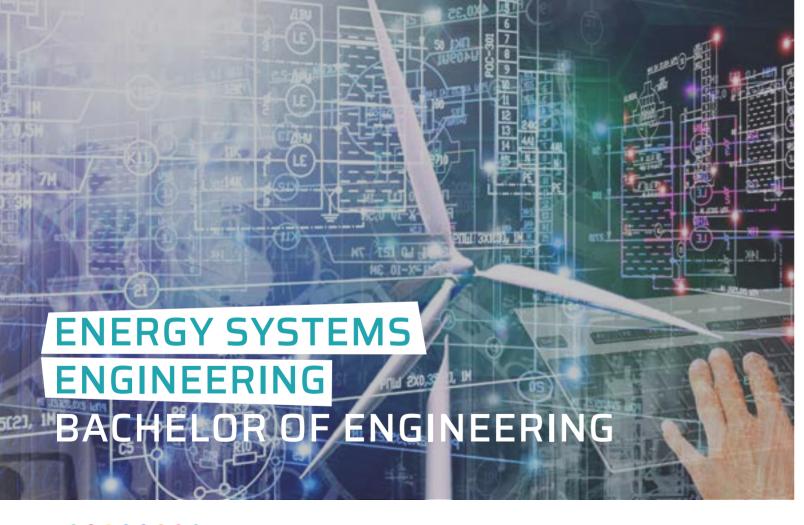
Bachelor Thesis Tutorial (Scientific Workshop). Nature based & Sports Tourism Management, (German), Tour Operator Management, Transport & Mobility Management, Urban and Cultural, Tourism, Ethics & Sustainability in International Tourism Bachelor thesis

Duration 7 semesters or 3.5 years

Location European Campus Rottal-Inn, Pfarrkirchen, Bavaria, Germany

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www.th-deg.de/itm-b-en 27



Shape the power industry of the future -

As a student of Energy Systems Engineering, you will learn through practical and theoretical instruction to explore the technical and economic aspects of current energy systems, to gain in-depth cross-sectional expertise in the supply, integration and storage of future energy systems.

The transformation of energy systems and their supply technologies from fossil fuels to renewable energy sources is an exciting area, regarded as a major global development challenge that will remain dominant over the lifespan of your future career.

Language focus

You will be taught completely in English and this language training, coupled with intercultural aspects of the course, will perfectly prepare you for success in the national and international job market.

Career prospects

The tranformation of energy systems and their supply technologies is an exciting area, regarded as a major global development challenge that will remain dominant over the lifespan of your future career.

Expect to develop your career as a graduate in the following fields:

- Development of energy systems and smart grids
- Smart buildings: design and development of intelligent energy management systems
- Commissions, service and maintenance in the building sector
- Monitoring and assessment of energy systems
- Management of energy networks (electricity and gas)
- Project planning

Sem. 1 Analytical Principles of Engineering, Informatics I, Fundamentals of Electrical Engineering, Physics, Chemistry, Foreign Language I

Sem.

Mathematics for Engineering, Informatics II, Electrical and Power Engineering, Lab Work in Natural Sciences, Materials and Design, Intercultural Competences, Compulsory elective subject of a general academic nature (AWP) I. Foreign Language II

Sem.

Advanced Mathematics, Energy Technology, Measure- ment and Control Engineering, Fundamentals of Energy Economy, Project Work I including Scientific Writing, Foreign Language III

Sem. 4 Renewable Energies, Sustainability, Plant Enginee- ring, Elective I, Project Work II including Simulation and Design, Compulsory elective subject of a general academic nature (AWP) II, Foreign Language IV

Sem.

Internship including PLV seminars

Sem.

Power Grid Technologies, Energy Storage, Smart Systems and Technologies, Elective II, Project Work III including Lab Work in Energy Systems

Sem. 7 Grid Management, Site Planning and GIS, Elective III

Bachelor Thesis incl. Bachelor Seminar

Duration 7 semesters or 3.5 years

Fees No tuition fe

Location European Campus Rottal-Inn,
Pfarrkirchen, Bavaria, Germany

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MASTER DEGREES

"Our postgrads leave with excellent employment prospects equipping them for future success in their chosen careers. They are extremely sought after by local and international companies."

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Get the edge in an increasingly digital world -

Companies are increasingly confronted complex organizational structures and an increasingly complex technology. In addition to international organization, companies depend on an increasing number of qualified engineers in R&D and management, who are capable of a broad range of creative work to develop embedded systems.

With this qualification, you will be ready for all professional challenges ahead in this fascinating field of work.

Prerequisites

Students must be degree graduates in computer science or a closely related field. In addition, applicants must pass an admission's test.

Language focus

The course language is English or German.

However, if neither English or German are the candidate's native language, then proficiency in both of these languages must be provided (in German A2 level must be achieved by the end of the second semester). Please view the web for details.

Double dearee

By successfully completing certain modules of an Electronic Technology programme from the University of Pilsen in the Czech Republic, students also have the opportunity to earn a double degree from both universities.

- Theoretical Computer Science
- Practical Computer Science
- Selected topics in Embedded Software Development I
- FPGA Programming
- Special Mathematical Methods
- Foreign language 2
- Select 5 elective subjects from: Micro and Nanoelectronics, Modern RF and Radio Systems, Special Devices and Circuits, Signals and Systems in Communication Tech, Contactless Sensor Technology, Automotive and Industrial Drive Systems, Renewable Energies, 3D Computer Ani., Computer Vision, Industrial Design, Multimedia Content

- Selected topics in Embedded Software Development II
- Master's thesis
- Master's colloquium

Duration 3 semesters or 1.5 years

No tuition fees **Location** Deggendorf Institute of Technology,

www.th-deg.de/ai-m-en 33



Be prepared for your future international career -

The globalised, digital markets of our modern world are constantly seeking highly qualified engineers with extensive theoretical knowledge and a broad range of creative knowhow, enabling them to rise to challenges in electronic, information and communication technology.

This course is a fully-accredited (ASIIN), highly accepted international qualification. It prepares students perfectly for challenges in global industry.

Prerequisites

Students must be degree graduates in Electrical Engineering and Information Technology, or in a closely related field. Furthermore, suitability is determined by examination. Examination content includes complex problems in advanced mathematics for engineering, as well as in the principles of electrical engineering and information technology and their applications. Sample questions are available online, just scan the code then see "admission prerequisites."

Language focus

The course language is English*, although a basic level of German is recommended. However, if neither English or German are the candidate's native language, then proficiency in either of these languages must be proved. Please view the web for details.

Course focus

In this master's degree, students deepen and broaden their theoretical and application-oriented knowledge by choosing an area of specialisation depending on their professional focus. See below for detailed descriptions of these areas of specialisation.

• Advanced Programmin Techniques

- Spe
 - Special Mathematical Methor
 - Harmonisation course or two compulsoru electives
 - Selected topics in Business Admin. and Human Resource Management
 - Foreign Language Mast
 - Mastermodules: Thesis + Seminar

Modules of Electronic and Telecommunica Ion Systems

- Special Mathematical Method
- Select 5 elective subjects from:
 Micro & Nanoelectronics, Modern
 RF & Radio Systems, Special
 Devices & Circuits, Signals &
 Systems in Communication Tech,
 Contactless Sensor Technology,
 Automotive & Industrial Drive
 Systems, Renewable Energies,
 3D Computer Ani., Computer
 Vision, Industrial Image Processing, IT Security, Application

Modules of Autonation and Power Engineering

- Selected topics in Embedded Software Development II
- Master's thesis + colloquium

iration 3 semesters or 1.5 ye

Fees No tuition fee

ocation Deggendorf Institute of Technology

Deggendorf, Bavaria, German



Build your own future -

Become a competent specialist in the field of healthy buildings and healthy living conditions, in material selection and product development or selection throughout the construction and interior facilities, and technical planning and construction including renovations and restorations.

Additionally, there are fields of work in the digitization and automation of healthy and sustainable buildings allowing for modern material flow, during the entire life cucle of buildings up to their demolition.

Graduates have career prospects in: Planning and design, Product development and Building management in the recucling and restoration branch and the smart home sector.

Language focus

In a world of ever-increasing multicultural globalisation, great importance is placed on the development of students' language skills. The course language is completely English and the minimum requirement is level B2. Continual English lessons are given throughout the course to develop students' proficiency up to Level C1 within the first two semesters. German language courses will be on offer but no prior knowledge of the language is neccessary.

Fields of Competence

The aim of the "Healthy and Sustainable Building" course is to impart the specific skills required for the energy-saving, resource-saving, healthy and modern requirements of an industrial society. Throughout the course of their studies, students deepen their expertise in five main areas of Healthy and Sustainable Buildings: Sustainable buildings, Evidence based and simulation based design, Sustainable and smart building systems, Research & methodology and Softskills and legal aspects.

- Environmental Psychology: Environmental and Health Psuchologu. Dimensions of Well-Beina
- Sustainable Buildings: Materials and substances, Building biology
- Smart Buildings: Building Physics, Smart Building Technology
- Advanced Quantitative and Qualitative Research Methods

- Environmental Hygiene and Medicine
- Analytical Methods
- Evidence-Based Design 1 (Building envelope)
- Building Safety and Security
- Project Management and Implementation

- Legal Frameworks, Certification Systems
- Simulation-Based Design
- Evidence-Based Design 2 (interior design)
- Refurbishment, Renovation, Recycling
- Sustainable and Smart Building System
- Master thesis

Duration 4 semesters or 2 years

Location European Campus Rottal-Inn, Pfarrkirchen, Bavaria, Germany

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Enjoy a vast range of career opportunities -

International tourism generates billions of euros annually and is still one of the fastest-growing industries. It consists of a wide range of services and products which must meet the highest standards of quality and safety, yet be affordable for the consumer.

Therefore, services in the industry are within complex processes with intercultural and multidisciplinary influences, so there is a high demand for qualified specialists in many specialized areas.

Language focus

In a world of ever-increasing multicultural globalisation, great importance is placed on the development of students language skills. The course language is completely English and the minimum requirement is level B2.

Continual English lessons are given throughout the course to develop students proficiency up to Level C1 within the first two semesters. German language courses will be on offer but no prior knowledge of the language is neccessary.

Fields of Competence

Throughout the course of their studies, students deepen their expertise in four main areas of International Tourism Managment: Travel Technology, Research and Methodology, Business Management and International Tourism Managment, which involves management skills in an industry shaped by legal requirements, union regualtions and international standardization.

DIT is an affiliate member of the United Nations World Tourism Organization. • International Tourism Management

- International Tourism Management Law
- IT and Management Sustems
- Case Study Travel Technology
- Accounting and Decision Making
- Case study Accounting and Decision Making
- Human Capital Management
- Case Study Human Capital Management
- Evidence-based management
- Case Study Evidence-based management

Financial Analysis

- Case Study Financial Analysis
- Tourism Strategy and Hospitality
- Case StudyTourism Strategy
- Marketing Management
- Case Study Marketing Management
- International Destinationmanagement
- Case Study International Destinationm.
- Global Distribution & Reservation Systems
- Collaborative Systems & Social Networks

- Intercultural Project-Management
- Case Study
- Master thesis

Duration 3 semesters or 1.5 years

Location European Campus Rottal-Inn,

Pfarrkirchen, Bavaria, Germany

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The exciting forefront of medical technology -

This postgradaute degree is an interdisciplinary subject area connecting biomedical aspects with computational analysis expertise, using tools able to handle and interpret the flood of data created by the Next Generation Sequencing technology.

Students learn how to digitally process data generated by the sequencing of human, animal or plant genetic material to make it usable for biomedical research.

Language focus

In a world of ever-increasing multicultural globalisation, great importance is placed on the development of students' language skills. The course language is completely English. Continual English lessons could be given throughout the course to develop students' language proficiency. German language courses will be on offer but no prior knowledge of the language is neccessary.

Area of Competence

Biomedical research currently makes use of various computerbased analyses to identify and analyse genes that are predictive for the prognosis or therapeutic response of a disease (personalised medicine and molecular diagnostics).

The analysis and evaluation of these data sets requires knowledge of both, medical/ scientific basics in combination with application oriented computer science knowledge.

Therefore, students will become competent in the following bioinformatics analysis concepts: unix command line usage, data formats and repositories, NGS quality control, sequence alignments, data visualization and interpretation, genome variation and SNP calling, RNA-Seq and gene expression analysis, ChIP-Seq analysis, biomedical software tool usage.

Sem.

- Life Science
- Informatics I
- Sequencing Technologies
- Biomedical Data Analysis

Sem.

- Life Science
- Informatics II
- Distriction
- Data Analysis & Data Mining
- Bininformatics
- Data Vizualis

Sem.

- Master thesis
- Master colloquium
- Master seminar

Duration 3 semesters or 1.5 years

Fees No tuition fees

.ocation Deggendorf Institute of Technology,

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You shape the future -

Intelligent, sensor-based and networked production systems will become self-regulating "smart factories" in the near future. Alongside industrial Internet of things (IIOT), virtual and augmented realitu. autonomous driving and ambient assisted living will have an enormous impact on our daily lives.

Therefore, the demand for highly qualified experts in this field will increase steadily over the next few years. You can be the person in demand who is sought after in an increasingly digitalised world.

Language focus

Due to its global relevance, this postgraduate degree is taught completely in English.

Students improve their technological expertise in addition to significantly improving their language skills in preparation for the international market. If English isn't the candidate's native language, then proficiency in this language must be proved. Please view the website for details.

Programme structure

Over the duration of 3 semesters which is 18 months, students are taught about modern simulation systems, cooperative and autonomous systems, innovative human-machine interfaces as well as additive manufacturing processes.

Two inter-disciplinary units allow for an in-depth look at specific fields of application for cyber-physical systems as well as the functional safety of software-based control and automatization systems.

Sem

- Structure & functions of CPS
- Business models for CPS
- Advanced robotics
- Autonomous sustems
- Case study cooperative and
- autonomous sustems Advanced modeling and simulation
- Case study mechatronic system simulation

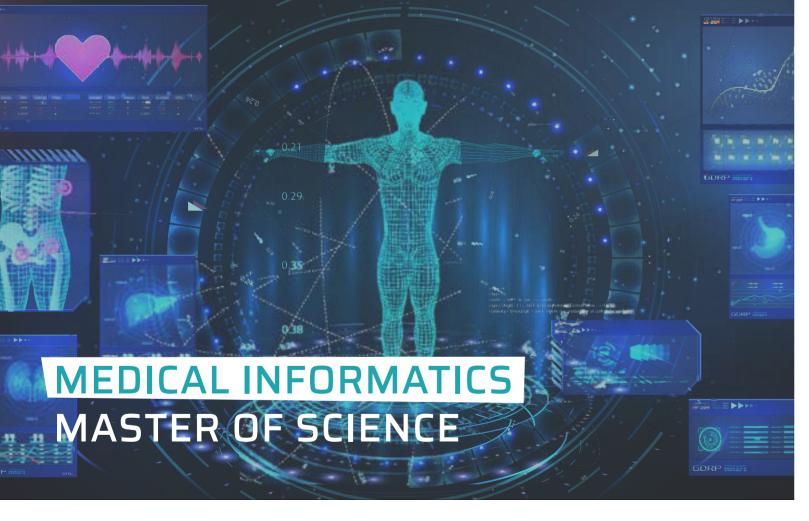
- Virtual reality/augmented reality
- Mobile and adaptive HMI
- Case Study VR/AR in System Eng.
- Technologies of additive manufacturing
- AM production processes
- Case study CP production systems using AM
- Course related elective subject

Sem.

- Principles of functional safety
- Design of systems
- Master thesis

Duration 3 semesters or 1.5 years No tuition fees

Location Technology Campus Cham, Cham, Bavaria, Germany



Be a specialist in a growing sector -

Computer science supplies the health industry with IT solutions and operates primarily in medicine, nursing, pharmaceuticals, medical technologu and administration.

There is a particularly high and constantly growing demand for qualified medical informatic professionals in these fields:

Management in hospital IT, Health insurance providers, Pharmaceuticals industry, Medical technologies, Health care service industries (logistics, software development, consulting)

Language focus

In a world of ever-increasing multicultural globalisation, great importance is placed on the development of students' language skills. The course language is completely English and the minimum requirement is level B2. Continual English lessons are given throughout the course to develop students' proficiency up to Level C1 within the first two semesters. German language courses will be on offer but no prior knowledge of the language is neccessary.

Fields of Competence

The focus is on hands-on, solution-oriented and implementationoriented competencies in an international context, which are gained through concrete, practical projects and real-life case studies.

Competencies in the areas of health care, e-health, research and methodology as well as soft skills will be developed through a module-based course structure. Within the modules, synthesis and synchronisation will be achieved through translating knowledge into concrete case studies (deduction and induction). As a rule, case studies, projects and "hot topics" make up approximately 50% of each module.

- International health care law
- Medical informatics
- Case studu medical informatics
- Medical terminology & classification
- Case studu standards
 - Evidence-based medicine
 - Case study evidence-based medicine

 - Medicine for Non-Physicians
 - Computer Science for Medics
 - Medical documentation systems Case study hospital IT systems

 - Case study e-health application

 - Medical statistics and data analysis
 - Collaborative systems
 - Case study international project
 - Data security and data protection
 - Case study data security

- Intercultural and interdisciplinary
- Thesis seminar
- Master thesis

Duration 3 semesters or 1.5 years

Location European Campus Rottal-Inn, Pfarrkirchen, Bavaria, Germany



Optimise your academic qualification -

The requirements for people in leadership and managerial have risen in recent years. Therefore, a qualification that exceeds the traditional core subjects of business is extremely valuable.

The concept of his internationally recognised masters degree is structured towards business graduates who aspire to succeed in positions of leadership in our global business and commmerce.

Language focus

Due to the dynamic course structure, students are expected to be bilingual, as the course language is 60% German and 40% English.

In German, applicants must have either TestDaF 15 points, DSH level 2 or telc level C1. In English, students must pass an internationally accredited TOEFL or TOEIC language exam by the end of the second semester, with a min. score of 75%.

Double Degree

A limited amount of course students have the chance to study one semester at a partner university in either Brazil, Austria, Czech Republic or France, to earn a double-degree.

Their academic title is then awarded from DIT and also the partner university.

Research methodology

- Philosophy of science
- National and international accounting
- Intercultural competence
- Intercultural behavior
- Strategic human resource management
- Business ethics
- IT strategies
- · International project management
- · Strategic country assessment
- Strategic evaluation of countries

Sem.

Sem

- Cooperation with financial institutions
- Taxation and business exams
- Controlling tools
- International leadership management
- Strategic programmes
- · Strategical planning

Sem 3

- Change Management
- In-depth project seminar
- Master thesis, practically orientated
- Master colloquium

Duration 3 semesters or 1.5 years **Fees** No tuition fees

Location Deggendorf Institute of Technology,

Deggendorf, Bavaria, Germany

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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE MASTER OF SCIENCE

AI - Changing our lives

Just as electricity brought about far-reaching changes over 100 years ago, artificial intelligence (AI) has fundamentally started to change our lives. At is the next phase of the industrial revolution and has established itself firmly in our society. Almost all branches of industry have been affected by the ongoing transformation through its algorithms.

The Master of Artificial Intelligence and Data Science Programme addresses this transformation by providing students with the broad and indepth skills required of experts working in and developing Al. Moreover, data science forms an integral part of this study programme. Al experts need to be able to obtain, process and store enormous amounts of data. which is at the root of AI and development processes.

Unique to master programmes in this field, is the integrated internship that students are required to complete and enables them to put theory to practice. In addition, the MAID study programme serves to strengthen EU goals of cooperative learning, research and teaching. Due to the cross border nature of the study programme, its embeddedness in regional high-tech companies and its international character, students will not only gain expertise and practice in this field but benefit from a diverse student body that will promote intercultural competence and provide a solid foundation for innovation.

Career Prospects

- Software engineer Al specialist
- Sustem architect Al specialist
- · Machine learning engineer or researcher
- Data scientist or analyst
- Software and sustems designer
- IT manager or researcher
- Software developer or analyst
- · Business Intelligence (BI) developer

- Artificial Intelligence and Software Development
- Theoretical Fundamentals of Artificial Intelligence
- Advanced Machine Learning
- Elective 1

 - German or Czech

- Information Theory
- Mathematics for Artificial Intelligence and Data Science
- Computational Intelligence
- Advanced Data Storage and Analyses
- Parellel Programming and Computing
- German or Czech

- Internship
- Elective 3
- Elective 4

- Advanced topics in Al
- Master's thesis
- Master's colloquium

Duration 4 semesters or 2 years No tuition fees

Location Deggendorf Institute of Technology,

Deggendorf, Bavaria, Germany

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FROM OUR INTERNATIONAL STUDENTS



"The DIT community is mixed - from local regions and abroad, giving you the opportunity to meet people from different backgrounds and cultures. Personally, DIT gave me the opportunity to discover myself while gaining an understanding of a different culture and tailored my ability to adapt to diverse situations while being able to problem solve. One of the most important things I acquired was my chance to gain my "once in my life experience"."

Arunakiry Natarajan, Medical Informatics, M.Sc.



"DIT TAUGHT ME TO ORGANIZE MY LIFE, HANDLE UNFORESEEN SITUATIONS, BE INDEPENDENT AND SELF-SUFFICIENT."

"DEFINITELY ONE OF THE BEST CHOICES I HAVE MADE IN MY LIFE"



"Deciding to study in Germany and choosing Deggendorf Institute of Technology as my university was definitely one of the best choices I have made in my life. The school is very vibrant and overflows with different kind of students and nationalities, while still keeping its' pride as a proper cultural centre of Bayarian culture.

The opportunities of studying at this university are countless and I can only recommend it to anyone."

Barbara Kralovicova, International Management B.A.



"My first experience with the THD was my exchange semester in the General Engineering Program. It was an incredible experience getting to know a new country and its culture.

The support and orientation from the international office members helped me to stay longer at the THD and continue as a regular student in the faculty of Environmental Engineering. Nowadays I am in 4th Semester and I have a part time student job as international tutor giving support the new regular students.

I am just grateful in every aspect with the THD and I recommend to 100% the THD as university to make your studies abroad."

Francis Catherine Tenorio Rodriguez, Environmental Engineering B.Eng.



LIVING EXPENSES

European Citizens

The Bavarian State Government charges German and international students NO tuition fees for full-time undergraduate and postgraduate courses in Bavarian universities. The only fees are 62 Euros student services fee per semester, plus single payments of 8 to 15 Euros for a university ID card.

Non-European Citizens

There are NO tuition fees, only 52 Euros student services fee per semester, plus 8 to 15 Euros for an ID card. However, non-EU students please be aware that you need to bring a bank statement from a German bank, proving that you have enough money to finance your stay in Deggendorf (approx. 660 Euros monthly). Additionally, you need to buy health insurance and a resident permit (visa). Please view the next page for details and living expenses.

FUNDING YOUR STUDIES

There are several opportunities to partially finance your studies through various scholarships, especially for students who excel in their studies. Generally, you must be enrolled at DIT to be eligible.

An detailed overview of all scholarships and how to apply for them is up on the website.

Find out more details:

www.th-deg.de/en/study-with-us/ funding

SINGULAR PAYMENTS

Item	Approx. amount in Euros
University ID chipcard	15
Returnable apartment deposit	450-700
Residence permit (non-EU students only)	100 - 150
Orientation Week	13
Total	Approx. 478 Euros (EU citizens), 578 Euros (non-EU citizens)

EXPENSES PER MONTH

Item	Approx. amount in Euros per month
Food	180
Apartment, including internet and utilities	320
Health and dental insurance (non-EU students only)	78 (mature students 30yrs+ are charged approx 150 Euros)
Recreational expenses	100
Tuition	O (for all full-time degrees)
Total	Approx. 600 Euros (EU citizens), 678 Euros (non-EU citizens)

EXPENSES PER SEMESTER

Item	Approx. amount in Euros per semester
Student services fee	62
Total	62 Euros (EU and non-EU citizens)

GERMAN DEGREE COURSES

INFO

These courses are available to you if you are qualified and highly proficient in German.

If you have prior knowledge of the German language and are aiming to study in German, you can participate in the Let's Get Started prep course to boost your German language skills up to the required level.

View the website for each course prerequisite: www.th-deq.de/apply

Learn more about the complete range of courses: www.th-deg.de/en/study-with-us/course-choices

FACULTY BIW

CIVIL & CONSTRUCTION ENGINEERING

Undergraduate

- B. Eng. Civil & Construction Engineering
- B. Eng. Enviromental Engineering

Postgraduate

M. Eng. Civil & Environmental Engineering

FACULTY AAW

APPLIED ECONOMICS

Undergraduate

- B.Sc. Applied Economics
- B.A. Business Administration
- B.A. Tourism Management
- B.Sc. Organisational & Economic Psychology

Postgraduate

- M.A. Human Resource Management
- M.A. Strategic & International Management

FACULTY AGW

APPLIED HEALTHCARE SCIENCES

Undergraduate

- B.Sc. Management in Health, Social & Rescue Services
- B.Sc. Applied Sports Science
- B Sc Healthcare Informatic
- B.Sc. Physiotherapy majoring in Kinesiology (cooperative studies)
- . B.Sc. Nursing (cooperative studie
- B.Sc. Nursing

FACULTY AI

COMPLITER SCIENCE

Undergraduate

- B.Eng. Applied Computer Sciences
- B.Eng. Internet of Things
- B.Sc. Business Informatics
- B.Sc. Artificial Intelligence
- B.Sc. Cuber Security

Postaraduate

- M.Sc. Applied Computer Science
- M.Sc. Business Informatics

FACULTY EMT

ELECTRICAL ENGINEERING AND MEDIA TECHNOLOGY

ndergraduate

- B.Eng. Electrical Engineering and IT
- B.Eng. Media Technology
- B.Eng. Electromobility, Autonomous Driving and Mobile Robotics

Postgraduate

- M.Eng. Media Technology / Production
- M.Sc. Applied Research in Engin. Sciences
- M.Sc. Automotive Electronics

FACULTY MB-BK

MECHANICAL ENGINEERING AND MECHATRONICS

Undergraduate

- B.Eng. Mechanical Engineering
- B.Eng. Mechatronics
- B.Eng. Technical Design

Postgraduate

M.Eng. Mechanical Engineering

FACULTY NUW

APPLIED NATURAL SCIENCES & INDUSTRIAL ENGINEERING

Undergraduate

- B.Eng. Engineering Physics
- B.Eng. Industrial Engineering
- B.Eng. Mechatronics majoring in Digital Production

Postgraduate

• M.Eng. Technology Management

LET'S GET STARTED

GERMAN PREP COURSE

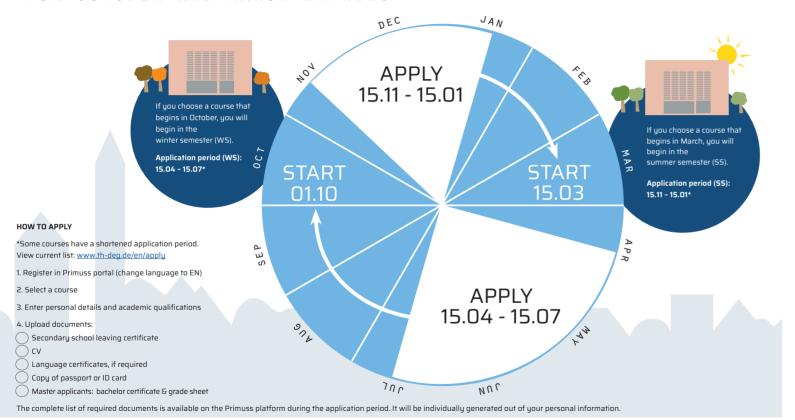
Let's get Started is a preparational semester for international applicants, who have a university entrance qualification but an insufficient level of German for admission to a German-based degree course. It is structured to prepare these applicants for studying in German and they must have a min. GER level of B1 to enroll.

Find out more:

www.th-deg.de/en/study-with-us/ prep-courses

APPLICATION TIMELINE

FOR OCTOBER AND MARCH ENTRIES



HOW TO APPLY

Regular Students

Generally, your foreign education certificates will be evaluated as to whether they allow for a higher education entrance qualification and if so, whether all or only certain subject areas may be studied. Applications are online over our university application portal, and all application prodedures including the English language certificates required for each course are outlined in detail on the website.

Regular application period (full-time studies)

• 15 April - 15 July for entry in October or 15 Nov - 15 Jan for entry in March

Exceptions to the regular application period

- Master in Strategic and International Management: 15 Nov-15 Feb (entry in March)
- Master Applied Research in Engineering Sciences: 15 April 31 May (entry in October) or 15 Nov – 15 Dec (entry in March)

How to apply: www.th-deg.de/en/apply

Exchange Students

To apply, fill out the online application form and upload the following required documents: CV, two passport photos, copy of passport or personal national I.D., exam grade sheet, learning agreement and proof of financial support (confirmation of a scholarship or other form of income of around 660 Euros per month. NOT necessary for European applicants).

Application period: 1 April -1 June for entry in October | 1 Oct -1 Dec for entry in March

All applicants are encouraged to research their course choices and check that they fulfill every prerequisite before applying. Please note that the online application form is only visible during the application period.

How to apply:

www.th-deg.de/en/international-office/international-students/exchange-students

CONTACT

Deggendorf Institute of Technology/ Technische Hochschule Deggendorf

Dieter-Görlitz-Platz 1 94469 Deggendorf, Germany www.dit.edu

General enquiries about studying at DIT

welcome@th-deg.de

SOCIAL MEDIA

- f /european.campus.pfarrkirchen
- f /HochschuleDeagendorf
- (i) /th deggendorf
- /TH_Deggendorf
- /thdeggendorf
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