



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Master's degree



## MSc Electrical Engineering and Information Technology

Deggendorf Institute of Technology • Deggendorf



## Overview

Degree	Master of Science (MSc)
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	Course language: English
Programme duration	3 semesters
Beginning	Winter and summer semester
Application deadline	15 April to 15 June for October entries (winter semester) 15 November to 1 January for March entries (summer semester)
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	Yes
Description/content	<p>The Master of Electrical Engineering and Information Technology programme focuses on teaching students the skills to handle the complex challenges of design and development that electrical engineers are facing today.</p> <p>Our students can choose between two areas of focus:</p> <ul style="list-style-type: none"><li>Electronic and Telecommunication Systems</li></ul> <p>This focus area includes courses such as selected topics in Micro- and Nanotechnology, Optoelectronics and Laser Technology, and Signals and Systems in Communication Technology.</p> <ul style="list-style-type: none"><li>Automation</li></ul> <p>This focus area includes courses such as Advanced Modelling and Simulation, Contactless Sensor Technology, and Automotive and Industrial Drive Systems.</p>

Whatever the area of focus, students will gain both advanced theoretical expertise and application-oriented training from the first semester onward.

Our 20+ in-house laboratories, our additional tech campuses, our partnerships with private industries, and our involvement in a variety of research projects gives our students ample opportunities and choices to work with the real and current challenges affecting modern development in the field of electrical engineering and IT, particularly in high-tech sectors.

Our staff of dedicated professors emphasise applied know-how by offering plenty of constructively supervised class projects in which students are invited to tinker, imagine, collaborate, and learn from failure in order to help bring their ideas to life. Thinking outside the box is encouraged.

In addition to the curriculum, the programme has introduced a seminar series tailored to the fact that most of our graduates start their careers in Germany. The aim is to prepare students for the challenges ahead and helps them avoid the pitfalls they may encounter on their way to success. Topics include intercultural training, writing a thesis in collaboration with a company, working life in Germany, how to apply to German companies, and what to expect in a German job interview.

#### Current information

#### Rankings

##### WURI (Worlds Universities with Real Impact) Ranking 2022:

- No. 8 worldwide in the category "Crisis Management"
- No. 2 worldwide in the category "Entrepreneurial Spirit"

## Course Details

#### Course organisation

##### Three semesters

Semesters one and two: regular classes  
Semester three: thesis

All courses are credited with ECTS credit points (European Credit Transfer System). After having successfully completed the programme, students will be awarded the academic degree Master of Science (MSc). The MSc degree formally entitles students to pursue doctoral studies.

#### A Diploma supplement will be issued

Yes

#### International elements

- Integrated study abroad unit(s)

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Students have the possibility to pursue a double degree with the [University of West Bohemia Plzen/Pilsen](#).

#### Course-specific, integrated German language courses

Yes

#### Course-specific, integrated English language courses

Yes

## Costs / Funding

<b>Tuition fees per semester in EUR</b>	None
<b>Semester contribution</b>	72 EUR student service fee per semester  * <a href="#">International applicants and students</a>
<b>Costs of living</b>	Approx. 700 EUR per month  Click the following link to find a financial overview for students who are living and studying here: <a href="#">monthly expenses</a> .
<b>Funding opportunities within the university</b>	Yes
<b>Description of the above-mentioned funding opportunities within the university</b>	If you are an enrolled DIT student, there are several opportunities to partially finance your studies through a scholarship.  Detailed information about funding opportunities is published here: <a href="https://th-deg.de/en/study-with-us/funding">https://th-deg.de/en/study-with-us/funding</a> .

## Requirements / Registration

<b>Academic admission requirements</b>	<ul style="list-style-type: none"> <li>• Bachelor's degree in electrical engineering or related field</li> <li>• <a href="#">Assessment test</a></li> </ul>
<b>Language requirements</b>	Please find the language requirements for this degree course here: <a href="https://www.th-deg.de/en/apply#language-requirements">https://www.th-deg.de/en/apply#language-requirements</a>
<b>Application deadline</b>	15 April to 15 June for October entries (winter semester)  15 November to 1 January for March entries (summer semester)
<b>Submit application to</b>	Please apply directly to Deggendorf Institute of Technology via our application portal. All required documents must be uploaded on the application portal. It is not necessary to send in hard copies by postal mail.  Please find more details regarding our application process here: <a href="https://www.th-deg.de/en/apply#international">https://www.th-deg.de/en/apply#international</a>

## Services

<b>Possibility of finding part-time employment</b>	There are various job opportunities in and around Cham.
<b>Accommodation</b>	A supportive environment is vital for students to feel comfortable and do well in their studies.

Therefore, we go to great efforts to support our students on personal, social and academic levels.

The International Office assists international students with all matters regarding accommodation.

There are several [dormitories and many flats](#) available in Deggendorf.

View our flat rental website for private accommodation and get directly into contact with landlords: <https://pmit-ext.th-deg.de/wb/search>.

For further information, please contact: [accommodation-dit@th-deg.de](mailto:accommodation-dit@th-deg.de).

#### Career advisory service

Career Service workshops and seminars are held throughout the year to help students with their job applications and interview techniques.

We provide the following:

- CV checks
- Workshops and seminars for job preparation
- University job fair

Furthermore, we offer the [Job Rock-It programme](#), especially designed for international degree-seeking students. In this programme, a clever combination of seminars, workshops and lectures provides a basic understanding of the German economy and thus enables easy access to the German labour market. This programme can help students with their final theses, and it can lead to internships or even permanent positions after graduation.

#### Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Tutors
- Cultural and linguistic preparation
- Accompanying programme
- Visa matters
- Pick-up service



©Mohammed Aburezeq

## Mohammed Aburezeq MSc Electrical Engineering and Information Technology

Studying at the Deggendorf Institute of Technology was one of the best decisions that I ever made. From the teaching to interactions while studying and engaging with a lot of different students with different nationalities, I can thoroughly recommend this programme. Moreover, Deggendorf's central location allows you to travel to many countries around you. Altogether, studying at DIT will enrich your life.

## Our Partners



## Faculties and Fields of Study

Are you interested in environmentalism, psychology, physiotherapy, or robots? We offer all this and more at the Deggendorf Institute of Technology (DIT). Watch our video to learn more about our faculties and fields of study at DIT.

» more:

<https://www.youtube.com/watch?v=qCZobPOsD8A>

# Deggendorf Institute of Technology



Deggendorf Institute of Technology

© DIT Marketing Department

We are a multi-award-winning university of applied sciences founded in 1994 and located in stunning Bavaria. Ranked as one of the best universities of applied sciences in Germany, we strive for academic excellence and are committed to producing global graduates with international degrees at the Bachelor's and Master's level. The total student population of more than 8,500 includes 41% international students from all over the globe. The language of instruction is either English or German, depending on the degree programme. Study groups rarely include more than 50 students to ensure not only a personal atmosphere but also individual support for students to excel. All full-time degree programmes are free from tuition fees.

Explore our [fields of study](#)!

Let us inspire you:

- [See the advantages of studying at DIT.](#)
- [Read through the International Prospectus.](#)

#### Intensive support:

A supportive environment is vital for students to feel comfortable and do well in their studies. We go to great efforts to support our students on personal, social and academic levels. International students who wish to experience the Bavarian lifestyle in a family can join the “Host Family Programme”. “International Tutors” provide social support for international students, while “Study Buddies” help students to understand challenging lecture content. The International Office supports with accommodation, visas, health insurance, scholarships, etc. in addition to organising an orientation week and intercultural training for all incoming internationals.

- [Find out more about student support.](#)

#### International experience:

Our [200 partner universities worldwide](#) provide enrolled students with opportunities to gain experience and earn credits towards their degrees through foreign exchange semesters, or in some cases, through double-degree studies abroad.

#### Practical experience:

All undergraduate studies include a compulsory internship, giving students the opportunity to practice their hands-on skills. Postgraduate students have the opportunity to work on practical research and development projects on our own [technology campuses](#). We cooperate with more than 500 companies, including global players such as BMW, MAN, Continental and Siemens, where students can gain invaluable work experience. The university's [career service](#) organises a range of practical workshops and seminars to prepare students for the job market, meaning our graduates are particularly successful in the job market; 87% enter into permanent employment directly after graduation.

#### Student lifestyle:

We consider a [good lifestyle](#) to be an important factor for the well-being of our students. They are supported with many facilities, such as a range of student clubs, an extensive sports programme, a big band, a campus cinema, an international week including an international food fair, and social activities or day trips organised by the Erasmus Student Network. Our annual [campus open day and summer open-air music festival](#) are firm favourites among our staff and student community.



## University location

Our three teaching campuses are located in Bavaria in Southern Germany, close to the city of Munich, the Austrian border and the Alps. Our main flagship campus is located in charming [Deggendorf](#) and is the base for most students. The [European Campus Rottal-Inn](#) (ECRI) is a dynamic and multicultural study environment where all classes are exclusively in English. The Cham campus is a cosy international hub for AI and mechatronic students.

[View the campuses](#)

#### Deggendorf Campus:

The [Deggendorf campus](#) is our largest campus, and it has recently undergone a vast extension to accommodate the expanding university community. It has a modern, central courtyard with a hovering deck over water where staff and students relax while having lunch, socialising, revising or just lounging. All lecture rooms, science labs, facilities and service centres are based on and around campus, creating an excellent studying environment.

The beautiful town of Deggendorf has a population of 40,000 and is located on the banks of the Danube river at the foot of the Bavarian Forest. Munich International Airport is one hour's drive away and can easily be accessed by public transport. Our students enjoy vibrant social lives, as Deggendorf has plenty to offer: restaurants, cafés and pubs, plus many cultural festivals and events. It has an excellent network of bike trails, leisure cruise ships on the river and a surrounding hilly landscape that provides a stunning natural backdrop to enjoy countless recreational activities.



Newly built, self-contained student apartment blocks are within close walking or biking proximity to campus, the town centre and all local amenities.

#### European Campus Rottal-Inn:

At the [European Rottal-Inn campus](#), all Bachelor's and Master's degree programmes are conducted exclusively in English, creating a dynamic study environment with a diverse and international student community.

The campus is nestled in the town of Pfarrkirchen among rolling, picturesque hills between the Danube and Inn rivers, close to the Austrian border. 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 range of appealing leisure activities, being well-known for its spas, golf courses, equestrian sports and extensive bike network.

#### Cham campus:

The Cham campus is our newest and most compact campus, with almost 350 students, 75% being international students. Its Master's programmes are taught completely in English, and students benefit from intensive personal supervision in small study groups. The campus has a close relationship with regional and national companies in the field of mechatronics, so students learn in both an applied and scientific way.

Only a ten-minute walk from the town centre of Cham, the campus offers a unique atmosphere. Situated directly on the Regen River, students complete their studies in a relaxed and scenic country environment.

There are plenty of leisure facilities within walking distance of the campus: a leisure park with various sports facilities, a swimming pool with access to the river, a cinema, a climbing hall, shops and restaurants. It's a great place to live and study!

## Contact

#### Deggendorf Institute of Technology

Faculty of Electrical Engineering and Media Technology

Dieter-Görlitz-Platz 1  
94469 Deggendorf

✉ [welcome@th-deg.de](mailto:welcome@th-deg.de)

🌐 Course website: <https://www.th-deg.de/et-m-en>

📘 <https://www.facebook.com/HochschuleDeggendorf>

🐦 [https://twitter.com/th\\_deggendorf](https://twitter.com/th_deggendorf)

🌐 <https://www.linkedin.com/school/technische-hochschule-deggendorf/>

📺 <https://www.youtube.com/user/THDeggendorf>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://www.gate-germany.de)

## Disclaimer

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