



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Master's degree



## Advanced Industrial Engineering

Rosenheim Technical University of Applied Sciences • Traunstein



## Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	The language of instruction is English.
Full-time / part-time	<ul style="list-style-type: none"><li>full-time</li><li>part-time (study alongside work)</li></ul>
Programme duration	3 semesters, 6 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	<ul style="list-style-type: none"><li>Duration: three semesters full-time, six semesters part-time</li><li>Part-time (study alongside work), dual education is possible</li><li>Blended learning approach: on campus learning combined with online components</li></ul>
Application deadline	15 May
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The Master's degree programme in Advanced Industrial Engineering combines elements of engineering and business administration with new approaches to sustainable concepts and new digital technologies such as artificial intelligence, data science, collaborative robots as well as augmented, virtual and mixed reality.</p> <p>Partnering with successful local hidden champions and global leaders in engineering, the programme puts much emphasis on the application of study contents in engineering practice.</p>

Thereby, this degree programme will empower students to embark on successful careers in the field of Industrial Engineering.

Our partnerships with leading companies will offer students outstanding career entry opportunities and future positions (e.g. as a production engineer, technical buyer, in technical sales, supply chain management or as a management consultant).

The degree programme is in English and will prepare students for international requirements, enabling students to acquire excellent technical English skills.

Current information

[Online info sessions](#)

## Course Details

### International elements

- Training in intercultural skills
- Language training provided
- International guest lecturers
- Projects with partners in Germany and abroad

### Integrated internships

There is no mandatory internship. However, our curriculum involves close connections to local companies in many ways: case studies with industrial partners, projects in our innovations lab with collaborative robots, augmented, virtual and mixed reality, data science and artificial intelligence, field trips to companies and lectures including insights into engineering work in Germany.

### Course-specific, integrated German language courses

No

### Course-specific, integrated English language courses

No

## Costs / Funding

### Tuition fees per semester in EUR

None

### Semester contribution

85 EUR student union fee per semester

### Costs of living

Each student needs about **934 EUR per month** to cover living expenses, student accommodation, health insurance and other related costs in Rosenheim. We recommend calculating approx. 11,208 EUR per year in total.

#### For international students from non-EU countries:

Proof of financial resources / blocked account: With a blocked account, you can provide evidence that you have adequate financial resources during the visa application process. The presumed annual requirement that must be paid into the blocked account when applying for a visa amounts to 11,208 EUR. Please see the information from the Federal Foreign Office: [www.auswaertiges-amt.de/en/visa-service/visabestimmungen-node/sperrkonto-seite](http://www.auswaertiges-amt.de/en/visa-service/visabestimmungen-node/sperrkonto-seite).

## Requirements / Registration

### Academic admission requirements

A Bachelor's degree in Industrial Engineering or an equivalent qualification obtained in Germany or abroad with an overall grade of 2.0 or higher is required.

All applicants who have obtained their first degree / Bachelor's degree at a **non-German institution**, must apply for a **preliminary review documentation / Vorprüfungsdocumentation (VPD)** at uni-assist in advance. Subsequently, the VPD must be submitted with the application to TH Rosenheim.

You can apply for a VPD at [www.uni-assist.de/en/](http://www.uni-assist.de/en/). It takes at least four to six weeks until you receive your result. Please take this into account when planning your application.

Join our online info-session to get more information about this course. Register at [www.th-rosenheim.de/info-sessions](http://www.th-rosenheim.de/info-sessions).

### Language requirements

In order to apply for the programme, you will need a language level of **English B2** according to the CEFR.

The following **English language tests** are recognised:

- TOEIC with 785 or more points
- IELTS with a band score of 6.0 or higher
- Cambridge CEFR B2 First (FCE) with Grade C (at least 160 points) or higher
- Cambridge CEFR C1 Advanced (CAE) with level B2 (at least 160 points) or higher
- TELC Certificate English B2 or higher
- Pearson PTE Academic with 60 or more points
- At least six years of school-based English language instruction with a minimum grade of "satisfactory" in the final year, evidenced by a German higher education entrance qualification or an equivalent, recognised higher education entrance qualification from a non-German school
- Completed English-language Bachelor's or Master's degree programme
- Completed English studies in Germany and abroad
- A grade of at least "good" in the module "Technical English" or a comparable English language module from a previous German-language degree programme

Applicants whose native language is English are exempt from demonstrating sufficient English language skills.

### Application deadline

15 May

### Submit application to

Application is possible via our [online application portal](#).

## Services

### Possibility of finding part- time employment

Students can find part-time jobs in cooperation with our partner companies in the Chiemgau/Traunstein/Rosenheim area as well as at businesses within the Munich metropolitan area or in Salzburg.

**Online job market at TH Rosenheim:**

You will find job postings on the internal online job market of TH Rosenheim. Campus Chiemgau also has a database that coordinates job opportunities with local partner companies.

**Bavaria-wide job exchange:**

You will also find interesting job offers at <https://jobboerse.th-rosenheim.de/index.php/en>.

**More helpful tips:**

Our [website](#) also provides practical advice about working in Bavaria, Germany.

**Accommodation**

Student accommodation will be available. More detailed information can be found here: [www.th-rosenheim.de/housing](http://www.th-rosenheim.de/housing). Campus Chiemgau will coordinate accommodation with students after enrolment in the programme.

**Private rooms**

An online portal recommended among students to find a shared flat is [wg-gesucht.de](http://wg-gesucht.de).

**Career advisory service**

**Applying for jobs and starting your career:**

The [Career Centre](#) provides students and graduates with information and advice on applying for jobs, career planning and starting out in the world of work.

**Workshops for international students:**

- Getting ready for the German job market
- Everyday business behaviour
- Written applications and interviewing
- Individual job application check

International students who need assistance with writing applications have the chance to arrange individual appointments in English and German.

**Support for international students and doctoral candidates**

- Welcome event
- Tutors
- Cultural and linguistic preparation

**Supervisor-student ratio**

Good professor-student ratio, small groups



## Welcome to TH Rosenheim

Are you interested in studying in one of the most attractive regions in Germany? Do you expect a high quality of life, great recreational activities and an economically powerful region? Then start your studies at TH Rosenheim!

» more:  
<https://www.youtube.com/watch?v=zbWyAKYfqjU>

# Rosenheim Technical University of Applied Sciences



Campus Chiemgau is located right in the centre of vibrant Traunstein, set amidst lakes and mountains.

**Rosenheim Technical University of Applied Sciences (TH Rosenheim):** To study at Rosenheim Technical University of Applied Sciences (TH Rosenheim) is to study in one of Germany's most beautiful and economically attractive regions. With its high-quality and wide-ranging selection of degree programmes, excellent studying conditions, close links with industry and research, and a strong practical connection, our university offers a promising outlook – for studying, leisure time and careers. To help international students feel at home, the university offers a variety of services, such as German language courses and tutors assisting with everyday university life.

### Five USPs for studying at TH Rosenheim:

- No tuition fees for regular Bachelor's and Master's degree programmes

- Practice-oriented education with more than 100 laboratories
- A welcoming atmosphere with close contact between lecturers and students
- German language courses and career workshops for free
- Mountains on the horizon and leisure activities at every turn



## University location

### Campus Chiemgau & Traunstein

Campus Chiemgau in Traunstein, the digital hub of the renowned Rosenheim Technical University of Applied Sciences, is uniquely located amidst mountains and lakes, an outdoor region with excellent opportunities for students to go skiing, surfing, hiking and more. The vibrant city of Traunstein offers all amenities needed for an inspiring student life, welcoming visitors from all over the world. With the highest standards of educational quality, TH Rosenheim and Campus Chiemgau put much emphasis on a strong orientation towards business practice. At TH Rosenheim, it is particularly important that faculty maintain close contact with their students, empowering them to pursue successful careers in business practice.

Check out our video of [Campus Chiemgau](#).

### Where are TH Rosenheim and Campus Chiemgau?

Rosenheim and Campus Chiemgau are located in the south-eastern part of the German state of Bavaria. Close to the Alps, it is an area rich in scenic beauty and with an impressive cultural heritage. Just a short drive away from Germany's "high-tech capital" Munich, it is also the centre of a prospering economic region. Traunstein is situated near three larger cities: Munich, Salzburg, and Innsbruck. According to the European Commission, Traunstein belongs to the "Alpine Arc" super region. This region comprises the entire German, Austrian and Italian Alpine region, which makes it one of the strongest economic regions of the European Union.


## Contact

### Rosenheim Technical University of Applied Sciences

Campus Chiemgau

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 Course website: [https://www.th-rosenheim.de/en/studies-and-further-education/courses-of-study/masters-degree-programmes/advanced-industrial-engineering?mtm\\_campaign=DAAD%20International%20Programmes&mtm\\_kwd=m-aie](https://www.th-rosenheim.de/en/studies-and-further-education/courses-of-study/masters-degree-programmes/advanced-industrial-engineering?mtm_campaign=DAAD%20International%20Programmes&mtm_kwd=m-aie)  
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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

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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